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OM nucleic - nucleic search, using sw model

Run on: November 7, 2006, 10:23:48 ; Search time 34 Seconds
(without alignments)
2.545 Million cell updates/sec

Title: US-10-764-316-6-COPY
Perfect score: 2743
Sequence: 1 9cggcgctatccattgt.....aaaaaaaaaaaaaaaaaaaaa 2743

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 826 seqs, 15772 residues

Total number of hits satisfying chosen parameters: 1652

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 826 summaries

Database : issdb:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | DB ID | Description |
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| C 403 | 17 | 0.6 | 17 | 1 | US-10-156-306B-6897 | Sequence 6897, Ap | C 476 | 15 | 0.5 | 15 | 1 | US-08-922-170B-5 | Sequence 5, Appli |
| C 404 | 17 | 0.6 | 18 | 1 | US-09-142-108C-28 | Sequence 28, Appl | C 477 | 15 | 0.5 | 15 | 1 | US-08-863-639A-5 | Sequence 5, Appli |
| C 405 | 17 | 0.6 | 18 | 1 | US-09-142-108C-29 | Sequence 29, Appl | C 478 | 15 | 0.5 | 15 | 1 | US-08-863-639A-9 | Sequence 9, Appli |
| C 406 | 16.8 | 0.6 | 20 | 1 | US-09-780-045-100 | Sequence 100, App | C 479 | 15 | 0.5 | 15 | 1 | US-08-693-831-1 | Sequence 1, Appli |
| C 407 | 16.8 | 0.6 | 21 | 1 | US-08-704-966-7 | Sequence 7, Appli | C 480 | 15 | 0.5 | 15 | 1 | US-08-832-021-44 | Sequence 44, Appli |
| C 408 | 16.8 | 0.6 | 21 | 1 | US-08-705-438-7 | Sequence 7, Appli | C 481 | 15 | 0.5 | 15 | 1 | US-09-183-619-4 | Sequence 4, Appli |
| C 409 | 16.4 | 0.6 | 18 | 1 | US-09-637-751A-6 | Sequence 6, Appli | C 482 | 15 | 0.5 | 15 | 1 | US-09-071-845-361 | Sequence 361, App |
| C 410 | 16.4 | 0.6 | 18 | 1 | US-09-637-751A-7 | Sequence 7, Appli | C 483 | 15 | 0.5 | 15 | 1 | US-09-071-845-362 | Sequence 362, App |
| C 411 | 16.4 | 0.6 | 18 | 1 | US-09-994-311-6 | Sequence 6, Appli | C 484 | 15 | 0.5 | 15 | 1 | US-09-167-375-1 | Sequence 1, Appli |
| C 412 | 16.4 | 0.6 | 18 | 1 | US-09-994-311-7 | Sequence 7, Appli | C 485 | 15 | 0.5 | 15 | 1 | US-08-150-156A-19 | Sequence 19, Appl |
| C 413 | 16.4 | 0.6 | 20 | 1 | US-09-556-311-19 | Sequence 19, Appl | C 486 | 15 | 0.5 | 15 | 1 | US-08-150-156A-20 | Sequence 20, Appl |
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| C 415 | 16.2 | 0.6 | 19 | 1 | US-10-103-614A-4 | Sequence 4, Appli | C 488 | 15 | 0.5 | 15 | 1 | US-08-108-591B-18 | Sequence 18, Appl |
| C 416 | 16 | 0.6 | 16 | 1 | US-07-971-978-36 | Sequence 36, Appl | C 489 | 15 | 0.5 | 15 | 1 | US-09-619-103-21 | Sequence 21, Appl |
| C 417 | 16 | 0.6 | 16 | 1 | US-07-971-978-42 | Sequence 42, Appl | C 490 | 15 | 0.5 | 15 | 1 | US-09-300-958A-68 | Sequence 68, Appl |
| C 418 | 16 | 0.6 | 16 | 1 | US-07-971-978-60 | Sequence 60, Appl | C 491 | 15 | 0.5 | 15 | 1 | US-08-988-024C-9 | Sequence 9, Appli |
| C 419 | 16 | 0.6 | 16 | 1 | US-08-415-370-2 | Sequence 2, Appli | C 492 | 15 | 0.5 | 15 | 1 | US-09-435-739-5 | Sequence 5, Appli |
| C 420 | 16 | 0.6 | 16 | 1 | US-08-687-551-15 | Sequence 15, Appl | C 493 | 15 | 0.5 | 15 | 1 | US-10-091-231-2 | Sequence 2, Appli |
| C 421 | 16 | 0.6 | 16 | 1 | US-09-141-764-2 | Sequence 2, Appli | C 494 | 15 | 0.5 | 15 | 1 | US-09-930-218-5 | Sequence 5, Appli |
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| C 425 | 16 | 0.6 | 16 | 1 | US-09-507-345A-2 | Sequence 2, Appli | C 498 | 15 | 0.5 | 15 | 1 | US-08-462-977B-18 | Sequence 18, Appl |
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| C 429 | 16 | 0.6 | 16 | 1 | US-09-895-585-9 | Sequence 9, Appli | C 502 | 15 | 0.5 | 15 | 1 | US-09-850-982B-4 | Sequence 4, Appli |
| C 430 | 16 | 0.6 | 16 | 1 | US-09-152-059-70 | Sequence 70, Appl | C 503 | 15 | 0.5 | 15 | 1 | US-09-793-146-54 | Sequence 54, Appl |
| C 431 | 16 | 0.6 | 16 | 1 | US-09-766-253-131 | Sequence 131, App | C 504 | 15 | 0.5 | 15 | 1 | US-09-793-146-55 | Sequence 55, Appl |
| C 432 | 16 | 0.6 | 16 | 1 | US-10-203-780-9 | Sequence 9, Appli | C 505 | 15 | 0.5 | 15 | 1 | US-10-227-001-23 | Sequence 23, Appl |
| C 433 | 16 | 0.6 | 16 | 1 | US-10-054-295-131 | Sequence 131, App | C 506 | 15 | 0.5 | 15 | 1 | US-10-384-450A-5 | Sequence 5, Appli |
| C 434 | 16 | 0.6 | 16 | 1 | US-09-438-486A-131 | Sequence 131, App | C 507 | 15 | 0.5 | 15 | 1 | US-10-072-975-10 | Sequence 10, Appl |
| C 435 | 16 | 0.6 | 16 | 1 | US-10-227-001-21 | Sequence 21, Appl | C 508 | 15 | 0.5 | 15 | 1 | US-08-952-376-2 | Sequence 2, Appli |
| C 436 | 16 | 0.6 | 16 | 1 | US-10-072-975-9 | Sequence 9, Appli | C 509 | 15 | 0.5 | 15 | 1 | US-09-507-345A-3 | Sequence 3, Appli |
| C 437 | 16 | 0.6 | 16 | 1 | US-10-054-611-131 | Sequence 131, App | C 510 | 15 | 0.5 | 15 | 1 | US-09-507-345A-4 | Sequence 4, Appli |
| C 438 | 16 | 0.6 | 16 | 1 | US-10-208-650-70 | Sequence 70, Appl | C 511 | 15 | 0.5 | 15 | 1 | US-09-507-345A-5 | Sequence 5, Appli |
| C 439 | 16 | 0.6 | 16 | 1 | US-08-821-827C-30 | Sequence 30, Appl | C 512 | 15 | 0.5 | 15 | 1 | US-09-507-345A-6 | Sequence 6, Appli |
| C 440 | 16 | 0.6 | 17 | 1 | US-09-290-202B-30 | Sequence 30, Appl | C 513 | 15 | 0.5 | 15 | 1 | US-09-507-345A-7 | Sequence 7, Appli |
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| C 442 | 16 | 0.6 | 17 | 1 | US-08-584-040-2551 | Sequence 2551, Ap | C 515 | 15 | 0.5 | 15 | 1 | US-09-739-928-3 | Sequence 3, Appli |
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| C 444 | 16 | 0.6 | 17 | 1 | US-09-371-772B-1074 | Sequence 1074, Ap | C 517 | 15 | 0.5 | 15 | 1 | US-09-739-928-5 | Sequence 5, Appli |
| C 445 | 16 | 0.6 | 17 | 1 | US-09-371-772B-1075 | Sequence 1075, Ap | C 518 | 15 | 0.5 | 15 | 1 | US-09-739-928-6 | Sequence 6, Appli |
| C 446 | 16 | 0.6 | 17 | 1 | US-09-685-664B-1074 | Sequence 1074, Ap | C 519 | 15 | 0.5 | 15 | 1 | US-09-739-928-7 | Sequence 7, Appli |
| C 447 | 16 | 0.6 | 17 | 1 | US-09-685-664B-1075 | Sequence 1075, Ap | C 520 | 15 | 0.5 | 15 | 1 | US-09-739-928-8 | Sequence 8, Appli |
| C 448 | 16 | 0.6 | 17 | 1 | US-09-090-672B-105 | Sequence 105, App | C 521 | 15 | 0.5 | 15 | 1 | US-10-227-001-20 | Sequence 20, Appl |
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| C 450 | 16 | 0.6 | 17 | 1 | US-10-019-832-2 | Sequence 2, Appli | C 523 | 15 | 0.5 | 15 | 1 | US-08-584-040-2552 | Sequence 2552, Ap |
| C 451 | 16 | 0.6 | 17 | 1 | US-10-156-306B-6333 | Sequence 6333, Ap | C 524 | 15 | 0.5 | 15 | 1 | US-09-475-947A-118 | Sequence 118, App |
| C 452 | 16 | 0.6 | 17 | 1 | US-10-156-306B-6896 | Sequence 6896, Ap | C 525 | 15 | 0.5 | 15 | 1 | US-09-788-338-3 | Sequence 3, Appli |
| C 453 | 16 | 0.6 | 17 | 1 | US-10-138-674B-1074 | Sequence 1074, Ap | C 526 | 15 | 0.5 | 15 | 1 | US-09-300-958A-64 | Sequence 64, Appl |
| C 454 | 16 | 0.6 | 17 | 1 | US-10-138-674B-1075 | Sequence 1075, Ap | C 527 | 15 | 0.5 | 15 | 1 | US-09-371-772B-1073 | Sequence 1073, Ap |
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| C 457 | 15.6 | 0.6 | 17 | 1 | US-08-937-067-17 | Sequence 17, Appli | C 530 | 15 | 0.5 | 15 | 1 | US-09-685-664B-1073 | Sequence 1073, Ap |
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| C 460 | 15.4 | 0.6 | 18 | 1 | US-09-422-978-4910 | Sequence 4910, Ap | C 533 | 15 | 0.5 | 15 | 1 | US-09-090-672B-107 | Sequence 107, App |
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| C 462 | 15.4 | 0.6 | 18 | 1 | PCT-US91-03680-74 | Sequence 74, Appl | C 535 | 15 | 0.5 | 15 | 1 | US-09-730-559B-109 | Sequence 109, App |
| C 463 | 15.2 | 0.6 | 17 | 1 | US-09-390-324B-2 | Sequence 2, Appli | C 536 | 15 | 0.5 | 15 | 1 | US-10-019-832-3 | Sequence 3, Appli |
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| C 465 | 15 | 0.5 | 15 | 1 | US-08-452-196A-6 | Sequence 6, Appli | C 538 | 15 | 0.5 | 15 | 1 | US-10-156-306B-523 | Sequence 523, App |
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| C 469 | 15 | 0.5 | 15 | 1 | US-08-663-918-4 | Sequence 4, Appli | C 542 | 15 | 0.5 | 15 | 1 | US-09-289-377-10 | Sequence 10, Appli |
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| C 471 | 15 | 0.5 | 15 | 1 | US-08-292-620A-362 | Sequence 362, App | C 544 | 15 | 0.5 | 15 | 1 | US-09-437-076-2 | Sequence 2, Appli |

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| C 276 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-303-586-18 | Sequence 18, Appl | Sequence 18, Appl |
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| C 304 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-10-123-597-2 | Sequence 2, Appl | Sequence 2, Appl |
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| C 310 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-10-123-597-12 | Sequence 12, Appl | Sequence 12, Appl |
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| C 313 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-10-123-597-25 | Sequence 25, Appl | Sequence 25, Appl |
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| C 323 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-10-247-893-3 | Sequence 3, Appl | Sequence 3, Appl |
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| C 332 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-08-285-309-20 | Sequence 20, Appl | Sequence 20, Appl |
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| C 336 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-08-485-105A-23 | Sequence 23, Appl | Sequence 23, Appl |
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| C 342 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-08-336-728A-34 | Sequence 34, Appl | Sequence 34, Appl |
| C 343 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-635-251-32 | Sequence 32, Appl | Sequence 32, Appl |
| C 344 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-635-251-34 | Sequence 34, Appl | Sequence 34, Appl |
| C 345 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-224-683-32 | Sequence 32, Appl | Sequence 32, Appl |
| C 346 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-224-683-34 | Sequence 34, Appl | Sequence 34, Appl |
| C 347 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-604-325A-32 | Sequence 32, Appl | Sequence 32, Appl |
| C 348 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-604-325A-34 | Sequence 34, Appl | Sequence 34, Appl |
| C 349 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-604-325A-34 | Sequence 34, Appl | Sequence 34, Appl |
| C 350 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-643-659B-32 | Sequence 32, Appl | Sequence 32, Appl |
| C 351 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-643-659B-34 | Sequence 34, Appl | Sequence 34, Appl |
| C 352 | 19 | 0.7 | 19 | 1 | 19 | 1 | PCT-US94-05407-8 | Sequence 8, Appl | Sequence 8, Appl |
| C 353 | 19 | 0.7 | 19 | 1 | 19 | 1 | PCT-US94-05407-8 | Sequence 8, Appl | Sequence 8, Appl |
| C 354 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-08-881-784-18 | Sequence 18, Appl | Sequence 18, Appl |
| C 355 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-292-768-18 | Sequence 18, Appl | Sequence 18, Appl |
| C 356 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-371-307-85 | Sequence 85, Appl | Sequence 85, Appl |
| C 357 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-371-307-85 | Sequence 85, Appl | Sequence 85, Appl |
| C 358 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-10-176-884-44 | Sequence 44, Appl | Sequence 44, Appl |
| C 359 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-08-621-914A-16 | Sequence 16, Appl | Sequence 16, Appl |
| C 360 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-08-346-429-3 | Sequence 3, Appl | Sequence 3, Appl |
| C 361 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-08-358-556A-12 | Sequence 12, Appl | Sequence 12, Appl |
| C 362 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-08-358-556A-18 | Sequence 18, Appl | Sequence 18, Appl |
| C 363 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-08-469-852A-4 | Sequence 4, Appl | Sequence 4, Appl |
| C 364 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-08-295-509B-4 | Sequence 4, Appl | Sequence 4, Appl |
| C 365 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-08-884-029-9 | Sequence 9, Appl | Sequence 9, Appl |
| C 366 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-08-941-445A-30 | Sequence 30, Appl | Sequence 30, Appl |
| C 367 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-545-225-9 | Sequence 9, Appl | Sequence 9, Appl |
| C 368 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-619-103-24 | Sequence 24, Appl | Sequence 24, Appl |
| C 369 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-370-541-14 | Sequence 14, Appl | Sequence 14, Appl |
| C 370 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-10-135-295-9 | Sequence 9, Appl | Sequence 9, Appl |
| C 371 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-803-263-6 | Sequence 6, Appl | Sequence 6, Appl |
| C 372 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-803-263-7 | Sequence 7, Appl | Sequence 7, Appl |
| C 373 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-142-108C-27 | Sequence 27, Appl | Sequence 27, Appl |
| C 374 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-809-545A-84 | Sequence 84, Appl | Sequence 84, Appl |
| C 375 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-10-352-704-12 | Sequence 12, Appl | Sequence 12, Appl |
| C 376 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-10-352-704-18 | Sequence 18, Appl | Sequence 18, Appl |
| C 377 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-979-275A-7 | Sequence 7, Appl | Sequence 7, Appl |
| C 378 | 19 | 0.7 | 19 | 1 | 19 | 1 | PCT-US94-05407-4 | Sequence 4, Appl | Sequence 4, Appl |
| C 379 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-09-435-806-7 | Sequence 7, Appl | Sequence 7, Appl |
| C 380 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-10-100-321A-22 | Sequence 22, Appl | Sequence 22, Appl |
| C 381 | 19 | 0.7 | 19 | 1 | 19 | 1 | US-08-123-449A-1 | Sequence 1, Appl | |

| | | | | | | | | | | | | | |
|-------|------|-----|----|---|---------------------|-------------------|-------|----|-----|----|---|--------------------|-------------------|
| C 545 | 15 | 0.5 | 18 | 1 | US-09-904-744-1 | Sequence 1, Appli | C 618 | 14 | 0.5 | 14 | 1 | US-09-152-059-101 | Sequence 101, App |
| C 546 | 15 | 0.5 | 18 | 1 | US-09-904-744-2 | Sequence 2, Appli | 619 | 14 | 0.5 | 14 | 1 | US-09-152-059-102 | Sequence 102, App |
| C 547 | 14.8 | 0.5 | 18 | 1 | US-09-213-768-27 | Sequence 27, Appl | 620 | 14 | 0.5 | 14 | 1 | US-09-152-059-103 | Sequence 103, App |
| 548 | 14.8 | 0.5 | 18 | 1 | US-09-507-819-75 | Sequence 75, Appl | C 621 | 14 | 0.5 | 14 | 1 | US-09-152-059-104 | Sequence 104, App |
| C 549 | 14.8 | 0.5 | 18 | 1 | US-08-679-645-1191 | Sequence 1191, Ap | 622 | 14 | 0.5 | 14 | 1 | US-09-152-059-105 | Sequence 105, App |
| C 550 | 14.8 | 0.5 | 18 | 1 | US-08-275-951-32 | Sequence 32, Appl | 623 | 14 | 0.5 | 14 | 1 | US-09-152-059-106 | Sequence 106, App |
| C 551 | 14.8 | 0.5 | 18 | 1 | US-08-275-951-33 | Sequence 33, Appl | C 624 | 14 | 0.5 | 14 | 1 | US-09-152-059-107 | Sequence 107, App |
| C 552 | 14.8 | 0.5 | 18 | 1 | US-09-422-978-10231 | Sequence 10231, A | 625 | 14 | 0.5 | 14 | 1 | US-09-152-059-108 | Sequence 108, App |
| 553 | 14.8 | 0.5 | 18 | 1 | US-09-641-576-75 | Sequence 75, Appl | 626 | 14 | 0.5 | 14 | 1 | US-09-152-059-109 | Sequence 109, App |
| 554 | 14.8 | 0.5 | 18 | 1 | US-09-872-051-12 | Sequence 12, Appl | C 627 | 14 | 0.5 | 14 | 1 | US-09-152-059-110 | Sequence 110, App |
| C 555 | 14.4 | 0.5 | 17 | 1 | US-08-373-124A-876 | Sequence 876, App | 628 | 14 | 0.5 | 14 | 1 | US-09-152-059-111 | Sequence 111, App |
| C 556 | 14.4 | 0.5 | 17 | 1 | US-08-373-124A-878 | Sequence 878, App | 629 | 14 | 0.5 | 14 | 1 | US-09-152-059-112 | Sequence 112, App |
| C 557 | 14.4 | 0.5 | 17 | 1 | US-08-435-628-876 | Sequence 876, App | C 630 | 14 | 0.5 | 14 | 1 | US-09-152-059-113 | Sequence 113, App |
| C 558 | 14.4 | 0.5 | 17 | 1 | US-08-435-628-878 | Sequence 878, App | 631 | 14 | 0.5 | 14 | 1 | US-09-152-059-114 | Sequence 114, App |
| 559 | 14.4 | 0.5 | 17 | 1 | US-08-437-607A-15 | Sequence 15, Appl | 632 | 14 | 0.5 | 14 | 1 | US-09-152-059-115 | Sequence 115, App |
| 560 | 14.4 | 0.5 | 17 | 1 | US-09-866-108A-7366 | Sequence 7366, Ap | C 633 | 14 | 0.5 | 14 | 1 | US-09-152-059-117 | Sequence 117, App |
| 561 | 14.4 | 0.5 | 17 | 1 | US-09-866-108A-7367 | Sequence 7367, Ap | 634 | 14 | 0.5 | 14 | 1 | US-09-152-059-118 | Sequence 118, App |
| 562 | 14.4 | 0.5 | 17 | 1 | US-09-866-108A-7677 | Sequence 7677, Ap | 635 | 14 | 0.5 | 14 | 1 | US-09-152-059-119 | Sequence 119, App |
| 563 | 14.4 | 0.5 | 17 | 1 | US-09-866-108A-7678 | Sequence 7678, Ap | C 636 | 14 | 0.5 | 14 | 1 | US-09-152-059-120 | Sequence 120, App |
| C 564 | 14.4 | 0.5 | 17 | 1 | US-09-818-875-3958 | Sequence 3958, Ap | 637 | 14 | 0.5 | 14 | 1 | US-09-152-059-121 | Sequence 121, App |
| C 565 | 14.4 | 0.5 | 17 | 1 | US-09-818-875-3959 | Sequence 3959, Ap | 638 | 14 | 0.5 | 14 | 1 | US-09-152-059-122 | Sequence 122, App |
| C 566 | 14.4 | 0.5 | 17 | 1 | US-10-156-306B-520 | Sequence 520, App | C 639 | 14 | 0.5 | 14 | 1 | US-09-152-059-123 | Sequence 123, App |
| C 567 | 14.4 | 0.5 | 17 | 1 | US-10-138-674B-7173 | Sequence 7173, Ap | 640 | 14 | 0.5 | 14 | 1 | US-09-152-059-124 | Sequence 124, App |
| C 568 | 14.4 | 0.5 | 17 | 1 | US-10-138-674B-9175 | Sequence 9175, Ap | 641 | 14 | 0.5 | 14 | 1 | US-09-152-059-125 | Sequence 125, App |
| C 569 | 14.4 | 0.5 | 18 | 1 | US-09-280-409-142 | Sequence 142, App | C 642 | 14 | 0.5 | 14 | 1 | US-09-152-059-126 | Sequence 126, App |
| C 570 | 14.4 | 0.5 | 18 | 1 | US-08-584-040-6260 | Sequence 6260, Ap | 643 | 14 | 0.5 | 14 | 1 | US-09-152-059-127 | Sequence 127, App |
| C 571 | 14.4 | 0.5 | 18 | 1 | US-09-066-281B-16 | Sequence 16, Appl | 644 | 14 | 0.5 | 14 | 1 | US-09-152-059-128 | Sequence 128, App |
| C 572 | 14.4 | 0.5 | 18 | 1 | US-09-535-012A-8 | Sequence 8, Appli | C 645 | 14 | 0.5 | 14 | 1 | US-09-152-059-129 | Sequence 129, App |
| C 573 | 14.4 | 0.5 | 18 | 1 | US-09-371-772B-3018 | Sequence 3018, Ap | 646 | 14 | 0.5 | 14 | 1 | US-09-152-059-130 | Sequence 130, App |
| C 574 | 14.4 | 0.5 | 18 | 1 | US-09-468-433C-16 | Sequence 16, Appl | 647 | 14 | 0.5 | 14 | 1 | US-09-152-059-131 | Sequence 131, App |
| C 575 | 14.4 | 0.5 | 18 | 1 | US-09-685-664B-3018 | Sequence 3018, Ap | C 648 | 14 | 0.5 | 14 | 1 | US-09-152-059-132 | Sequence 132, App |
| C 576 | 14.4 | 0.5 | 18 | 1 | US-10-160-237-16 | Sequence 16, Appl | 649 | 14 | 0.5 | 14 | 1 | US-09-152-059-133 | Sequence 133, App |
| C 577 | 14.4 | 0.5 | 18 | 1 | US-10-138-674B-3018 | Sequence 3018, Ap | 650 | 14 | 0.5 | 14 | 1 | US-09-152-059-134 | Sequence 134, App |
| C 578 | 14 | 0.5 | 14 | 1 | US-08-332-838-3 | Sequence 3, Appli | C 651 | 14 | 0.5 | 14 | 1 | US-09-152-059-135 | Sequence 135, App |
| 579 | 14 | 0.5 | 14 | 1 | US-08-173-489C-75 | Sequence 75, Appl | 652 | 14 | 0.5 | 14 | 1 | US-09-152-059-136 | Sequence 136, App |
| C 580 | 14 | 0.5 | 14 | 1 | US-08-173-489C-76 | Sequence 76, Appl | 653 | 14 | 0.5 | 14 | 1 | US-09-152-059-137 | Sequence 137, App |
| C 581 | 14 | 0.5 | 14 | 1 | US-08-832-021-7 | Sequence 7, Appli | C 654 | 14 | 0.5 | 14 | 1 | US-09-152-059-138 | Sequence 138, App |
| C 582 | 14 | 0.5 | 14 | 1 | US-08-724-466B-16 | Sequence 16, Appl | 655 | 14 | 0.5 | 14 | 1 | US-09-152-059-139 | Sequence 139, App |
| C 583 | 14 | 0.5 | 14 | 1 | US-08-991-789A-130 | Sequence 130, App | 656 | 14 | 0.5 | 14 | 1 | US-09-152-059-140 | Sequence 140, App |
| C 584 | 14 | 0.5 | 14 | 1 | US-08-862-164D-16 | Sequence 16, Appl | C 657 | 14 | 0.5 | 14 | 1 | US-09-152-059-141 | Sequence 141, App |
| C 585 | 14 | 0.5 | 14 | 1 | US-09-062-451-130 | Sequence 130, App | 658 | 14 | 0.5 | 14 | 1 | US-09-152-059-142 | Sequence 142, App |
| C 586 | 14 | 0.5 | 14 | 1 | US-09-462-569B-1 | Sequence 1, Appli | 659 | 14 | 0.5 | 14 | 1 | US-09-152-059-143 | Sequence 143, App |
| C 587 | 14 | 0.5 | 14 | 1 | US-09-598-346-130 | Sequence 130, App | C 660 | 14 | 0.5 | 14 | 1 | US-09-152-059-144 | Sequence 144, App |
| 588 | 14 | 0.5 | 14 | 1 | US-09-619-103-20 | Sequence 20, Appl | 661 | 14 | 0.5 | 14 | 1 | US-09-152-059-145 | Sequence 145, App |
| C 589 | 14 | 0.5 | 14 | 1 | US-09-370-838-47 | Sequence 47, Appl | 662 | 14 | 0.5 | 14 | 1 | US-09-152-059-146 | Sequence 146, App |
| C 590 | 14 | 0.5 | 14 | 1 | US-09-289-198-130 | Sequence 130, App | C 663 | 14 | 0.5 | 14 | 1 | US-09-699-295-130 | Sequence 130, App |
| C 591 | 14 | 0.5 | 14 | 1 | US-09-429-755-130 | Sequence 2, Appli | C 664 | 14 | 0.5 | 14 | 1 | US-09-859-736-7 | Sequence 7, Appli |
| C 592 | 14 | 0.5 | 14 | 1 | US-10-103-614A-2 | Sequence 47, Appl | C 665 | 14 | 0.5 | 14 | 1 | US-09-668-482-16 | Sequence 16, Appl |
| C 593 | 14 | 0.5 | 14 | 1 | US-09-854-133-47 | Sequence 47, Appl | C 666 | 14 | 0.5 | 14 | 1 | US-09-534-825A-130 | Sequence 130, App |
| C 594 | 14 | 0.5 | 14 | 1 | US-09-152-059-65 | Sequence 65, Appl | 667 | 14 | 0.5 | 14 | 1 | US-08-252-778-47 | Sequence 47, Appl |
| C 595 | 14 | 0.5 | 14 | 1 | US-09-152-059-66 | Sequence 66, Appl | 668 | 14 | 0.5 | 14 | 1 | US-10-764-393-11 | Sequence 11, Appl |
| C 596 | 14 | 0.5 | 14 | 1 | US-09-152-059-67 | Sequence 67, Appl | C 669 | 14 | 0.5 | 14 | 1 | US-09-512-5810-65 | Sequence 65, Appl |
| C 597 | 14 | 0.5 | 14 | 1 | US-09-152-059-68 | Sequence 68, Appl | 670 | 14 | 0.5 | 14 | 1 | US-08-852-495C-20 | Sequence 20, Appl |
| C 598 | 14 | 0.5 | 14 | 1 | US-09-152-059-80 | Sequence 80, Appl | C 671 | 14 | 0.5 | 14 | 1 | US-10-208-650-65 | Sequence 65, Appl |
| 599 | 14 | 0.5 | 14 | 1 | US-09-152-059-81 | Sequence 81, Appl | C 672 | 14 | 0.5 | 14 | 1 | US-10-208-650-66 | Sequence 66, Appl |
| 600 | 14 | 0.5 | 14 | 1 | US-09-152-059-82 | Sequence 82, Appl | C 673 | 14 | 0.5 | 14 | 1 | US-10-208-650-67 | Sequence 67, Appl |
| C 601 | 14 | 0.5 | 14 | 1 | US-09-152-059-83 | Sequence 83, Appl | C 674 | 14 | 0.5 | 14 | 1 | US-10-208-650-68 | Sequence 68, Appl |
| 602 | 14 | 0.5 | 14 | 1 | US-09-152-059-84 | Sequence 84, Appl | C 675 | 14 | 0.5 | 14 | 1 | US-10-208-650-80 | Sequence 80, Appl |
| 603 | 14 | 0.5 | 14 | 1 | US-09-152-059-85 | Sequence 85, Appl | C 676 | 14 | 0.5 | 14 | 1 | US-10-208-650-81 | Sequence 81, Appl |
| C 604 | 14 | 0.5 | 14 | 1 | US-09-152-059-86 | Sequence 86, Appl | 677 | 14 | 0.5 | 14 | 1 | US-10-208-650-82 | Sequence 82, Appl |
| 605 | 14 | 0.5 | 14 | 1 | US-09-152-059-87 | Sequence 87, Appl | C 678 | 14 | 0.5 | 14 | 1 | US-10-208-650-83 | Sequence 83, Appl |
| 606 | 14 | 0.5 | 14 | 1 | US-09-152-059-88 | Sequence 88, Appl | 679 | 14 | 0.5 | 14 | 1 | US-10-208-650-84 | Sequence 84, Appl |
| C 607 | 14 | 0.5 | 14 | 1 | US-09-152-059-89 | Sequence 89, Appl | 680 | 14 | 0.5 | 14 | 1 | US-10-208-650-85 | Sequence 85, Appl |
| 608 | 14 | 0.5 | 14 | 1 | US-09-152-059-90 | Sequence 90, Appl | C 681 | 14 | 0.5 | 14 | 1 | US-10-208-650-86 | Sequence 86, Appl |
| 609 | 14 | 0.5 | 14 | 1 | US-09-152-059-91 | Sequence 91, Appl | 682 | 14 | 0.5 | 14 | 1 | US-10-208-650-87 | Sequence 87, Appl |
| C 610 | 14 | 0.5 | 14 | 1 | US-09-152-059-92 | Sequence 92, Appl | 683 | 14 | 0.5 | 14 | 1 | US-10-208-650-88 | Sequence 88, Appl |
| 611 | 14 | 0.5 | 14 | 1 | US-09-152-059-93 | Sequence 93, Appl | C 684 | 14 | 0.5 | 14 | 1 | US-10-208-650-89 | Sequence 89, Appl |
| 612 | 14 | 0.5 | 14 | 1 | US-09-152-059-94 | Sequence 94, Appl | 685 | 14 | 0.5 | 14 | 1 | US-10-208-650-90 | Sequence 90, Appl |
| 613 | 14 | 0.5 | 14 | 1 | US-09-152-059-96 | Sequence 96, Appl | 686 | 14 | 0.5 | 14 | 1 | US-10-208-650-91 | Sequence 91, Appl |
| 614 | 14 | 0.5 | 14 | 1 | US-09-152-059-97 | Sequence 97, Appl | C 687 | 14 | 0.5 | 14 | 1 | US-10-208-650-92 | Sequence 92, Appl |
| C 615 | 14 | 0.5 | 14 | 1 | US-09-152-059-98 | Sequence 98, Appl | 688 | 14 | 0.5 | 14 | 1 | US-10-208-650-93 | Sequence 93, Appl |
| 616 | 14 | 0.5 | 14 | 1 | US-09-152-059-99 | Sequence 99, Appl | 689 | 14 | 0.5 | 14 | 1 | US-10-208-650-94 | Sequence 94, Appl |
| 617 | 14 | 0.5 | 14 | 1 | US-09-152-059-100 | Sequence 100, App | 690 | 14 | 0.5 | 14 | 1 | US-10-208-650-96 | Sequence 96, Appl |

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|-------|----|-----|----|---|---------------------|--------------------|-------|------|-----|----|---|----------------------|-------------------|
| 691 | 14 | 0.5 | 14 | 1 | US-10-208-650-97 | Sequence 97, Appl | C 764 | 14 | 0.5 | 17 | 1 | US-09-371-772B-1077 | Sequence 1077, Ap |
| C 692 | 14 | 0.5 | 14 | 1 | US-10-208-650-98 | Sequence 98, Appl | C 765 | 14 | 0.5 | 17 | 1 | US-09-685-664B-1072 | Sequence 1072, Ap |
| 693 | 14 | 0.5 | 14 | 1 | US-10-208-650-99 | Sequence 99, Appl | C 766 | 14 | 0.5 | 17 | 1 | US-09-685-664B-1077 | Sequence 1077, Ap |
| 694 | 14 | 0.5 | 14 | 1 | US-10-208-650-100 | Sequence 100, Appl | C 767 | 14 | 0.5 | 17 | 1 | US-09-818-875-3910 | Sequence 3910, Ap |
| C 695 | 14 | 0.5 | 14 | 1 | US-10-208-650-101 | Sequence 101, Appl | C 768 | 14 | 0.5 | 17 | 1 | US-09-818-875-3911 | Sequence 3911, Ap |
| 696 | 14 | 0.5 | 14 | 1 | US-10-208-650-102 | Sequence 102, Appl | C 769 | 14 | 0.5 | 17 | 1 | US-10-156-306B-525 | Sequence 525, App |
| C 697 | 14 | 0.5 | 14 | 1 | US-10-208-650-103 | Sequence 103, Appl | C 770 | 14 | 0.5 | 17 | 1 | US-10-156-306B-4886 | Sequence 4886, Ap |
| 698 | 14 | 0.5 | 14 | 1 | US-10-208-650-104 | Sequence 104, Appl | C 771 | 14 | 0.5 | 17 | 1 | US-10-156-306B-6895 | Sequence 6895, Ap |
| C 699 | 14 | 0.5 | 14 | 1 | US-10-208-650-105 | Sequence 105, Appl | C 772 | 14 | 0.5 | 17 | 1 | US-10-138-674B-1072 | Sequence 1072, Ap |
| 700 | 14 | 0.5 | 14 | 1 | US-10-208-650-106 | Sequence 106, Appl | C 773 | 14 | 0.5 | 17 | 1 | US-10-138-674B-1077 | Sequence 1077, Ap |
| C 701 | 14 | 0.5 | 14 | 1 | US-10-208-650-107 | Sequence 107, Appl | C 774 | 13.8 | 0.5 | 17 | 1 | US-08-373-124A-874 | Sequence 874, App |
| 702 | 14 | 0.5 | 14 | 1 | US-10-208-650-108 | Sequence 108, Appl | C 775 | 13.8 | 0.5 | 17 | 1 | US-08-435-628-874 | Sequence 874, App |
| 703 | 14 | 0.5 | 14 | 1 | US-10-208-650-109 | Sequence 109, Appl | C 776 | 13.8 | 0.5 | 17 | 1 | US-08-584-040-2520 | Sequence 2520, Ap |
| C 704 | 14 | 0.5 | 14 | 1 | US-10-208-650-110 | Sequence 110, Appl | C 777 | 13.8 | 0.5 | 17 | 1 | US-08-584-040-7800 | Sequence 7800, Ap |
| 705 | 14 | 0.5 | 14 | 1 | US-10-208-650-111 | Sequence 111, Appl | C 778 | 13.8 | 0.5 | 17 | 1 | US-08-584-040-7818 | Sequence 7818, Ap |
| C 706 | 14 | 0.5 | 14 | 1 | US-10-208-650-112 | Sequence 112, Appl | C 779 | 13.8 | 0.5 | 17 | 1 | US-08-584-040-7819 | Sequence 7819, Ap |
| 707 | 14 | 0.5 | 14 | 1 | US-10-208-650-113 | Sequence 113, Appl | C 780 | 13.8 | 0.5 | 17 | 1 | US-08-584-040-8021 | Sequence 8021, Ap |
| C 708 | 14 | 0.5 | 14 | 1 | US-10-208-650-114 | Sequence 114, Appl | C 781 | 13.8 | 0.5 | 17 | 1 | US-08-584-040-8021 | Sequence 8021, Ap |
| 709 | 14 | 0.5 | 14 | 1 | US-10-208-650-115 | Sequence 115, Appl | C 782 | 13.8 | 0.5 | 17 | 1 | US-08-679-645-705 | Sequence 705, App |
| C 710 | 14 | 0.5 | 14 | 1 | US-10-208-650-117 | Sequence 117, Appl | C 783 | 13.8 | 0.5 | 17 | 1 | US-09-593-012-53 | Sequence 53, Appl |
| 711 | 14 | 0.5 | 14 | 1 | US-10-208-650-118 | Sequence 118, Appl | C 784 | 13.8 | 0.5 | 17 | 1 | US-09-144-367-18 | Sequence 14, Appl |
| C 712 | 14 | 0.5 | 14 | 1 | US-10-208-650-119 | Sequence 119, Appl | C 785 | 13.8 | 0.5 | 17 | 1 | US-09-144-367-28 | Sequence 28, Appl |
| 713 | 14 | 0.5 | 14 | 1 | US-10-208-650-120 | Sequence 120, Appl | C 786 | 13.8 | 0.5 | 17 | 1 | US-09-474-432B-559 | Sequence 559, App |
| C 714 | 14 | 0.5 | 14 | 1 | US-10-208-650-121 | Sequence 121, Appl | C 787 | 13.8 | 0.5 | 17 | 1 | US-09-371-772B-1044 | Sequence 1044, Ap |
| 715 | 14 | 0.5 | 14 | 1 | US-10-208-650-122 | Sequence 122, Appl | C 788 | 13.8 | 0.5 | 17 | 1 | US-09-371-772B-3584 | Sequence 3584, Ap |
| C 716 | 14 | 0.5 | 14 | 1 | US-10-208-650-123 | Sequence 123, Appl | C 789 | 13.8 | 0.5 | 17 | 1 | US-09-371-772B-3602 | Sequence 3602, Ap |
| 717 | 14 | 0.5 | 14 | 1 | US-10-208-650-124 | Sequence 124, Appl | C 790 | 13.8 | 0.5 | 17 | 1 | US-09-371-772B-3603 | Sequence 3603, Ap |
| C 718 | 14 | 0.5 | 14 | 1 | US-10-208-650-125 | Sequence 125, Appl | C 791 | 13.8 | 0.5 | 17 | 1 | US-09-371-772B-3804 | Sequence 3804, Ap |
| 719 | 14 | 0.5 | 14 | 1 | US-10-208-650-126 | Sequence 126, Appl | C 792 | 13.8 | 0.5 | 17 | 1 | US-09-371-772B-4562 | Sequence 4562, Ap |
| C 720 | 14 | 0.5 | 14 | 1 | US-10-208-650-127 | Sequence 127, Appl | C 793 | 13.8 | 0.5 | 17 | 1 | US-09-371-772B-6499 | Sequence 6499, Ap |
| 721 | 14 | 0.5 | 14 | 1 | US-10-208-650-128 | Sequence 128, Appl | C 794 | 13.8 | 0.5 | 17 | 1 | US-09-476-387-558 | Sequence 558, App |
| C 722 | 14 | 0.5 | 14 | 1 | US-10-208-650-129 | Sequence 129, Appl | C 795 | 13.8 | 0.5 | 17 | 1 | US-09-827-998-484 | Sequence 484, App |
| 723 | 14 | 0.5 | 14 | 1 | US-10-208-650-130 | Sequence 130, Appl | C 796 | 13.8 | 0.5 | 17 | 1 | US-09-827-998-525 | Sequence 525, App |
| C 724 | 14 | 0.5 | 14 | 1 | US-10-208-650-131 | Sequence 131, Appl | C 797 | 13.8 | 0.5 | 17 | 1 | US-09-866-108A-946 | Sequence 946, App |
| 725 | 14 | 0.5 | 14 | 1 | US-10-208-650-132 | Sequence 132, Appl | C 798 | 13.8 | 0.5 | 17 | 1 | US-09-866-108A-1574 | Sequence 1574, Ap |
| C 726 | 14 | 0.5 | 14 | 1 | US-10-208-650-133 | Sequence 133, Appl | C 799 | 13.8 | 0.5 | 17 | 1 | US-09-866-108A-6594 | Sequence 6594, Ap |
| 727 | 14 | 0.5 | 14 | 1 | US-10-208-650-134 | Sequence 134, Appl | C 800 | 13.8 | 0.5 | 17 | 1 | US-09-866-108A-6595 | Sequence 6595, Ap |
| C 728 | 14 | 0.5 | 14 | 1 | US-10-208-650-135 | Sequence 135, Appl | C 801 | 13.8 | 0.5 | 17 | 1 | US-09-866-108A-6597 | Sequence 6597, Ap |
| 729 | 14 | 0.5 | 14 | 1 | US-10-208-650-136 | Sequence 136, Appl | C 802 | 13.8 | 0.5 | 17 | 1 | US-09-866-108A-6598 | Sequence 6598, Ap |
| C 730 | 14 | 0.5 | 14 | 1 | US-10-208-650-137 | Sequence 137, Appl | C 803 | 13.8 | 0.5 | 17 | 1 | US-09-866-108A-7365 | Sequence 7365, Ap |
| 731 | 14 | 0.5 | 14 | 1 | US-10-208-650-138 | Sequence 138, Appl | C 804 | 13.8 | 0.5 | 17 | 1 | US-09-866-108A-7368 | Sequence 7368, Ap |
| C 732 | 14 | 0.5 | 14 | 1 | US-10-208-650-139 | Sequence 139, Appl | C 805 | 13.8 | 0.5 | 17 | 1 | US-09-866-108A-8957 | Sequence 8957, Ap |
| 733 | 14 | 0.5 | 14 | 1 | US-10-208-650-140 | Sequence 140, Appl | C 806 | 13.8 | 0.5 | 17 | 1 | US-09-866-108A-10671 | Sequence 10671, A |
| C 734 | 14 | 0.5 | 14 | 1 | US-10-208-650-141 | Sequence 141, Appl | C 807 | 13.8 | 0.5 | 17 | 1 | US-09-866-108A-10672 | Sequence 10672, A |
| 735 | 14 | 0.5 | 14 | 1 | US-10-208-650-142 | Sequence 142, Appl | C 808 | 13.8 | 0.5 | 17 | 1 | US-09-685-664B-1044 | Sequence 1044, Ap |
| C 736 | 14 | 0.5 | 14 | 1 | US-10-208-650-143 | Sequence 143, Appl | C 809 | 13.8 | 0.5 | 17 | 1 | US-09-685-664B-3584 | Sequence 3584, Ap |
| C 737 | 14 | 0.5 | 14 | 1 | US-10-208-650-144 | Sequence 144, Appl | C 810 | 13.8 | 0.5 | 17 | 1 | US-09-685-664B-3602 | Sequence 3602, Ap |
| 738 | 14 | 0.5 | 14 | 1 | US-10-208-650-145 | Sequence 145, Appl | C 811 | 13.8 | 0.5 | 17 | 1 | US-09-685-664B-3603 | Sequence 3603, Ap |
| C 739 | 14 | 0.5 | 14 | 1 | US-10-208-650-146 | Sequence 146, Appl | C 812 | 13.8 | 0.5 | 17 | 1 | US-09-685-664B-3804 | Sequence 3804, Ap |
| C 740 | 14 | 0.5 | 14 | 1 | 5453496-4 | Patent No. 5453496 | C 813 | 13.8 | 0.5 | 17 | 1 | US-10-156-306B-487 | Sequence 487, App |
| 741 | 14 | 0.5 | 14 | 1 | 5453496-5 | Patent No. 5453496 | C 814 | 13.8 | 0.5 | 17 | 1 | US-10-156-306B-517 | Sequence 517, App |
| C 742 | 14 | 0.5 | 14 | 1 | US-08-452-196A-3 | Sequence 3, Appl | C 815 | 13.8 | 0.5 | 17 | 1 | US-10-156-306B-518 | Sequence 518, App |
| 743 | 14 | 0.5 | 14 | 1 | US-08-452-196A-4 | Sequence 4, Appl | C 816 | 13.8 | 0.5 | 17 | 1 | US-10-156-306B-519 | Sequence 519, App |
| C 744 | 14 | 0.5 | 14 | 1 | US-08-292-620A-360 | Sequence 360, Appl | C 817 | 13.8 | 0.5 | 17 | 1 | US-10-156-306B-519 | Sequence 519, App |
| C 745 | 14 | 0.5 | 14 | 1 | US-08-292-620A-363 | Sequence 363, Appl | C 818 | 13.8 | 0.5 | 17 | 1 | US-10-156-306B-519 | Sequence 519, App |
| C 746 | 14 | 0.5 | 14 | 1 | US-08-832-021-41 | Sequence 41, Appl | C 819 | 13.8 | 0.5 | 17 | 1 | US-10-156-306B-519 | Sequence 519, App |
| C 747 | 14 | 0.5 | 14 | 1 | US-08-832-021-42 | Sequence 42, Appl | C 820 | 13.8 | 0.5 | 17 | 1 | US-10-156-306B-519 | Sequence 519, App |
| C 748 | 14 | 0.5 | 14 | 1 | US-08-832-021-43 | Sequence 43, Appl | C 821 | 13.8 | 0.5 | 17 | 1 | US-10-156-306B-519 | Sequence 519, App |
| C 749 | 14 | 0.5 | 14 | 1 | US-09-071-845-360 | Sequence 360, Appl | C 822 | 13.8 | 0.5 | 17 | 1 | US-10-138-674B-3584 | Sequence 3584, Ap |
| C 750 | 14 | 0.5 | 14 | 1 | US-09-071-845-363 | Sequence 363, Appl | C 823 | 13.8 | 0.5 | 17 | 1 | US-10-138-674B-3602 | Sequence 3602, Ap |
| C 751 | 14 | 0.5 | 14 | 1 | US-09-475-947A-158 | Sequence 158, Appl | C 824 | 13.8 | 0.5 | 17 | 1 | US-10-138-674B-3804 | Sequence 3804, Ap |
| C 752 | 14 | 0.5 | 14 | 1 | US-10-227-001-24 | Sequence 24, Appl | C 825 | 13.8 | 0.5 | 17 | 1 | US-10-138-674B-4562 | Sequence 4562, Ap |
| C 753 | 14 | 0.5 | 14 | 1 | US-08-087-387-6 | Sequence 6, Appl | C 826 | 13.8 | 0.5 | 17 | 1 | US-10-138-674B-6499 | Sequence 6499, Ap |
| C 754 | 14 | 0.5 | 14 | 1 | US-08-455-627-6 | Sequence 6, Appl | | | | | | US-10-138-674B-6500 | Sequence 6500, Ap |
| C 755 | 14 | 0.5 | 14 | 1 | US-08-461-271-6 | Sequence 6, Appl | | | | | | | |
| C 756 | 14 | 0.5 | 14 | 1 | US-08-713-685A-6 | Sequence 6, Appl | | | | | | | |
| C 757 | 14 | 0.5 | 14 | 1 | US-08-689-856-6 | Sequence 6, Appl | | | | | | | |
| C 758 | 14 | 0.5 | 14 | 1 | US-09-070-477-6 | Sequence 6, Appl | | | | | | | |
| C 759 | 14 | 0.5 | 14 | 1 | US-08-882-649A-8 | Sequence 8, Appl | | | | | | | |
| C 760 | 14 | 0.5 | 14 | 1 | US-09-880-727-8 | Sequence 8, Appl | | | | | | | |
| C 761 | 14 | 0.5 | 14 | 1 | US-08-584-040-2548 | Sequence 2548, Ap | | | | | | | |
| C 762 | 14 | 0.5 | 14 | 1 | US-08-584-040-2553 | Sequence 2553, Ap | | | | | | | |
| C 763 | 14 | 0.5 | 14 | 1 | US-09-371-772B-1072 | Sequence 1072, Ap | | | | | | | |

ALIGNMENTS

RESULT 1
US-10-131-827-6385
; Sequence 6385, Application US/10131827
; Patent No. 6905827
; GENERAL INFORMATION:

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; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; PRIOR FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6385
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-6385

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Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 2
US-10-131-827-6775/c
; Sequence 6775, Application US/10131827
; Patent No. 6905827
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; PRIOR FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6775
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-6775

Query Match      1.8%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.15;
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Db 50 GCTCTCAAGCCTCTCCCAATAAAGCTCTATCGGGAACAAATGAACCAAGT 1

RESULT 3
US-10-131-831-6385
; Sequence 6385, Application US/10131831
; Patent No. 7026121
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; FILE REFERENCE: 506612000121
; CURRENT APPLICATION NUMBER: US/10/131,831
; PRIOR FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9190
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6385
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-831-6385

Query Match      1.8%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 50 GCTCTCAAGCCTCTCCCAATAAAGCTCTATCGGGAACAAATGAACCAAGT 1
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; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING
; FILE REFERENCE: 506612000121
; CURRENT APPLICATION NUMBER: US/10/131,831
; CURRENT FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9190
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6385
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-831-6385

Query Match      1.8%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 4
US-10-131-831-6775/c
; Sequence 6775, Application US/10131831
; Patent No. 7026121
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING
; FILE REFERENCE: 506612000121
; CURRENT APPLICATION NUMBER: US/10/131,831
; CURRENT FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9190
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6775
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-831-6775

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Best Local Similarity 100.0%; Pred. No. 0.15;
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RESULT 5
US-10-131-827-80
; Sequence 80, Application US/10131827
; Patent No. 6905827
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; FILE REFERENCE: 506612000121
; CURRENT APPLICATION NUMBER: US/10/131,827
; PRIOR FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 827
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-80

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Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 50 GCTCTCAAGCCTCTCCCAATAAAGCTCTATCGGGAACAAATGAACCAAGT 1
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; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; FILE REFERENCE: 506612000121
; CURRENT APPLICATION NUMBER: US/10/131,831
; CURRENT FILING DATE: 2002-08-05
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9190
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6385
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-831-6385

Query Match      1.8%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 0.15;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 50 GCTCTCAAGCCTCTCCCAATAAAGCTCTATCGGGAACAAATGAACCAAGT 1
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; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; PRIOR FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 80
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-80

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Best Local Similarity 98.0%; Pred. No. 0.24; Indels 0; Gaps 0;
Matches 49; Conservative 0; Mismatches 1;

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RESULT 6
US-10-131-827-82
; Sequence 82, Application US/10131827
; Patent No. 6905827
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 82
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-82

Query Match      1.8%; Score 48.4; DB 1; Length 50;
Best Local Similarity 98.0%; Pred. No. 0.24; Indels 0; Gaps 0;
Matches 49; Conservative 0; Mismatches 1;

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Db     1 GTTGCCATGGTGTAGCGCTGCCACCTTCGTTCTTACTTTACTTTAC 50

RESULT 7
US-10-131-827-2130
; Sequence 2130, Application US/10131827
; Patent No. 6905827
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06

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| 27 | US-08-771-624B-1 | 1.3% | 35 | DB 1 | Length 40 | 35 | Conservative | 0 | Indels | 0 |
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| 48 | US-08-771-624B-1 | 1.3% | 35 | DB 1 | Length 40 | 35 | Conservative | 0 | Indels | 0 |
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; ANTI-SENSE: YES
US-08-440-209-4

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Best Local Similarity 100.0%; Pred. No. 6.8;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 16

US-08-439-996-4/c
; Sequence 4, Application US/08439996
; Patent No. 6057093
; GENERAL INFORMATION:
; APPLICANT: Han, Jang H
; TITLE OF INVENTION: Methods and Compositions for Controlling
; Translation of HCV Proteins
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield, and Sacks P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02210

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,996
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,895A
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; APPLICATION NUMBER: US 08/128,583
; FILING DATE: 28-SEP-1993
; NAME: Janiuk, Anthony J
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-720-3500
; TELEFAX: 617-720-2441
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 6.8;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

RESULT 17

US-08-477-895A-4/c
; Sequence 4, Application US/08477895A

; Patent No. 7018984
; GENERAL INFORMATION:
; APPLICANT: Han, Jang H
; TITLE OF INVENTION: Methods and Compositions for Controlling
; Translation of HCV Proteins
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield, and Sacks P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02210

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,895A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/128,583
; FILING DATE: 28-SEP-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Janiuk, Anthony J
; REGISTRATION NUMBER: 29,809
; REFERENCE/DOCKET NUMBER: C0772/7004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-720-3500
; TELEFAX: 617-720-2441
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: YES

US-08-477-895A-4

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 6.8;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

RESULT 18

US-10-218-567-7/c
; Sequence 7, Application US/10218567
; Patent No. 6955901
; GENERAL INFORMATION:
; APPLICANT: MRC Holland
; TITLE OF INVENTION: Multiplex Ligatable Probe Amplification
; FILE REFERENCE: mlda
; CURRENT APPLICATION NUMBER: US/10/218,567
; CURRENT FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: EP00200506.4
; PRIOR FILING DATE: 2000-02-15
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 43
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA

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US-10-218-567-7
Query Match      1.3%; Score 35; DB 1; Length 43;
Best Local Similarity 100.0%; Pred. No. 7.3;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 43 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 9

RESULT 19
US-09-828-034-2
; Sequence 2, Application US/09828034
; Patent No. 6967075
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 36
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-2
Query Match      1.2%; Score 34; DB 1; Length 36;
Best Local Similarity 100.0%; Pred. No. 7.9;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2742
Db 3 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 36

RESULT 20
US-09-828-034-3
; Sequence 3, Application US/09828034
; Patent No. 6967075
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 36
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-3
Query Match      1.2%; Score 33; DB 1; Length 36;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2741

US-10-218-567-7
Query Match      1.3%; Score 35; DB 1; Length 43;
Best Local Similarity 100.0%; Pred. No. 7.3;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 43 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 9

RESULT 19
US-09-828-034-2
; Sequence 2, Application US/09828034
; Patent No. 6967075
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 36
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-2
Query Match      1.2%; Score 34; DB 1; Length 36;
Best Local Similarity 100.0%; Pred. No. 7.9;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2742
Db 3 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 36

RESULT 20
US-09-828-034-3
; Sequence 3, Application US/09828034
; Patent No. 6967075
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 36
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-3
Query Match      1.2%; Score 33; DB 1; Length 36;
Best Local Similarity 100.0%; Pred. No. 10;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2741

US-09-268-505B-13/c
; Sequence 13, Application US/09268505B
; Patent No. 6316192
; GENERAL INFORMATION:
; APPLICANT: Luo, Jianhua
; TITLE OF INVENTION: Method for Enrichment of Unique DNA Fragments
; TITLE OF INVENTION: through Cyclical Removal of PCR Adapter Attached to DNA
; TITLE OF INVENTION: Fragments Whose Sequences Are Shared Between Two DNA Pools
; FILE REFERENCE: 3-11-99
; CURRENT APPLICATION NUMBER: US/09/268,505B
; CURRENT FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: none
; PRIOR FILING DATE: N/A
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Microsoft word
; SEQ ID NO 13
; LENGTH: 31
; TYPE: DNA
; ORGANISM: synthetic
; FEATURE:
; NAME/KEY: oligo d(T)
; LOCATION:
US-09-268-505B-13
Query Match      1.1%; Score 30.2; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 18;
Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 31 BAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 22
US-08-433-505-9
; Sequence 9, Application US/08433505
; Patent No. 5695936
; GENERAL INFORMATION:
; APPLICANT: MANDRAND, Bernard
; APPLICANT: CROS, Philippe
; APPLICANT: DELAIR, Thierry
; APPLICANT: CHARLES, Marie-Helene
; APPLICANT: EROUT, Marie-No. 56959361le
; APPLICANT: PICHOT, Christian
; APPLICANT: TONNELIER, Jean-Claude
; TITLE OF INVENTION: REAGENT AND METHOD FOR THE DETECTION OF
; TITLE OF INVENTION: A NUCLEOTIDE SEQUENCE WITH SIGNAL AMPLIFICATION
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OLIFF & BERRIDGE
; STREET: P.O. Box 19928
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/433,505
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BERRIDGE, WILLIAM P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 36349
```

TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-433-505-9

Query Match 1.1%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
|||||
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 30

RESULT 23

US-08-870-730-9
Sequence 9, Application US/08870730
Patent No. 6017707

GENERAL INFORMATION:

APPLICANT: MANDRAND, Bernard
APPLICANT: CROS, Philippe
APPLICANT: DELAIR, Thierry
APPLICANT: CHARLES, Marie-Helene
APPLICANT: EROUT, Marie-No. 601770711e
APPLICANT: PICHOT, Christian

TITLE OF INVENTION: REAGENT AND METHOD FOR THE DETECTION OF
A NUCLEOTIDE SEQUENCE WITH SIGNAL AMPLIFICATION
NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDRESS:

ADDRESSEE: OLIFF & BERRIDGE, PLC
STREET: P.O. Box 19928
CITY: Alexandria
STATE: VA
COUNTRY: USA
ZIP: 22320

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/870,730

FILING DATE: 06-JUN-1997

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BERRIDGE, WILLIAM P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 36349A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-836-6400
TELEFAX: 703-836-2787

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:
LENGTH: 30 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

US-08-870-730-9

Query Match 1.1%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
|||||

Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 30

RESULT 24

US-09-083-123-3/c
Sequence 3, Application US/09083123
Patent No. 6326143

GENERAL INFORMATION:

APPLICANT: Orum, Hendrik
APPLICANT: Seeger, Corina
TITLE OF INVENTION: Method for Generating Multiple Double Stranded Nucleic
Acids
FILE REFERENCE: sequence listing
CURRENT APPLICATION NUMBER: US/09/083,123
CURRENT FILING DATE: 1998-05-22
EARLIER APPLICATION NUMBER: EP 95118600.6
EARLIER FILING DATE: 1995-11-25
EARLIER APPLICATION NUMBER: PCT/EP96/05149
EARLIER FILING DATE: 1996-11-22
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 3
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: made by humans
US-09-083-123-3

Query Match 1.1%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
|||||
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 25

US-09-083-123-7
Sequence 7, Application US/09083123
Patent No. 6326143

GENERAL INFORMATION:

APPLICANT: Orum, Hendrik
APPLICANT: Seeger, Corina
TITLE OF INVENTION: Method for Generating Multiple Double Stranded Nucleic
Acids
FILE REFERENCE: sequence listing
CURRENT APPLICATION NUMBER: US/09/083,123
CURRENT FILING DATE: 1998-05-22
EARLIER APPLICATION NUMBER: EP 95118600.6
EARLIER FILING DATE: 1995-11-25
EARLIER APPLICATION NUMBER: PCT/EP96/05149
EARLIER FILING DATE: 1996-11-22
NUMBER OF SEQ ID NOS: 8
SOFTWARE: Patent In Ver. 2.0
SEQ ID NO 7
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: made by humans
US-09-083-123-7

Query Match 1.1%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
|||||
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 30

[illegible]

```

; Tran, Huu M.
; Mateuzaki, Hajime
; McCall, Glenn H.
; TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Joe Liebeschuetz
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/880,727
; FILING DATE: 13-Jun-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/882,649
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 60/035,170
; FILING DATE: 09-JAN-1997
; APPLICATION NUMBER: PCT/US97/01603
; FILING DATE: 22-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-019410US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; SEQUENCE DESCRIPTION: (ix) Features:
;
US-09-880-727-10
;
Query Match 1.1%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 30

RESULT 30
US-09-061-026-26/c
; Sequence 26, Application US/09061026
; Patent No. 6077934
; GENERAL INFORMATION:
; APPLICANT: Jacobsen, Richard
; APPLICANT: Olivera, Baldomero M.
; TITLE OF INVENTION: Contryphan Peptides
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, p.c.
; STREET: 755 Thirteenth Street N.W., Suite 701-E
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/466,138
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/061,026
; FILING DATE:
; APPLICATION NUMBER: US 60/068,737
; FILING DATE: 24-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 2314-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-783-6040
; COMPUTER READABLE FORM:

```

```

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/061,026
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/068,737
; FILING DATE: 24-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 2314-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-783-6040
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-061-026-26
;
Query Match 1.1%; Score 30; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 21;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 33 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 4

RESULT 31
US-09-466-138-26/c
; Sequence 26, Application US/09466138
; Patent No. 6153738
; GENERAL INFORMATION:
; APPLICANT: Jacobsen, Richard
; APPLICANT: Olivera, Baldomero M.
; TITLE OF INVENTION: Contryphan Peptides
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, p.c.
; STREET: 755 Thirteenth Street N.W., Suite 701-E
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/466,138
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/061,026
; FILING DATE:
; APPLICATION NUMBER: US 60/068,737
; FILING DATE: 24-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 2314-133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-783-6040
; COMPUTER READABLE FORM:

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; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-466-138-26
Query Match 1.1%; Score 30; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 21;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 33 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 4

RESULT 32
US-08-208-486-79
; Sequence 79, Application US/08208486
; Patent No. 539531
; GENERAL INFORMATION:
; APPLICANT: Ito, Junetsu
; APPLICANT: Yoo, Seung-Ku
; TITLE OF INVENTION: METHODS TO REPLICATE DNA IN VITRO USING
; TITLE OF INVENTION: PRDI-CATALYZED DNA REPLICATION SYSTEMS
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cahill, Sutton & Thomas
; STREET: 155 Park One, 2141 E. Highland Ave.
; CITY: Phoenix
; STATE: Arizona
; COUNTRY: U.S.A.
; ZIP: 85016
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 1.2 Mb
; COMPUTER: Packard Bell (IBM PC/AT compatible)
; OPERATING SYSTEM: MS-Dos, Version 5.0
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/208,486
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/869,916
; FILING DATE: April 14, 1992
; APPLICATION NUMBER: Japan 240525/91
; FILING DATE: August 26, 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Janelle Faunce Raupp
; REGISTRATION NUMBER: 30,485
; REFERENCE/DOCKET NUMBER: #3954-A-7
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (602) 956-7000
; TELEFAX: (602) 495-9475
; INFORMATION FOR SEQ ID NO: 79:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid (synthetic DNA)
US-08-208-486-79
Query Match 1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 33 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 4
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Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

RESULT 33
US-08-859-998-680/c
; Sequence 680, Application US/08859998
; Patent No. 5994076
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Jokhadze, George
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 680:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-08-859-998-680
Query Match 1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2578 GAAGAGTCTACCCGACATTAAGTCGAGG 2604
Db 27 GAAGAGTCTACCCGACATTAAGTCGAGG 1

RESULT 34
US-09-225-928-680/c
; Sequence 680, Application US/09225928
; Patent No. 6352829
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Jokhadze, George
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,928
; FILING DATE: 21-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 680:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-09-225-928-680/c
Query Match 1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```



```
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,928
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 680:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 680:
US-09-225-928-680

Query Match          1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2578 GAAGAGTCTACCCGACATAAGTCGAGG 2604
Db 27 GAAGAGTCTACCCGACATAAGTCGAGG 1

RESULT 35
US-09-225-201B-680/c
; Sequence 680, Application US/09225201B
; Patent No. 6489455
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; Bibilashvilli, Robert
; Jokhadze, George
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201B
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 680:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 27 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 680:
US-09-225-201B-680

Query Match          1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 37;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2578 GAAGAGTCTACCCGACATAAGTCGAGG 2604
Db 27 GAAGAGTCTACCCGACATAAGTCGAGG 1

RESULT 36
US-09-244-794A-8
; Sequence 8, Application US/09244794A
; Patent No. 6214553
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FUSIONS
; FILE REFERENCE: 00786/350006
; CURRENT APPLICATION NUMBER: US/09/244,794A
; CURRENT FILING DATE: 1999-02-05
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-27
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-244-794A-8

Query Match          1.0%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

RESULT 37
US-09-007-005-8
; Sequence 8, Application US/09007005B
; Patent No. 6258558
; GENERAL INFORMATION:
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Tue Nov 7 10:41:33 2006

```

; GENERAL INFORMATION:
; APPLICANT: Sostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350007
; CURRENT APPLICATION NUMBER: US/09/244,796
; CURRENT FILING DATE: 1999-02-05
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
; US-09-244-796-8

```

```

Query Match 1.0%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

```

```

RESULT 40
US-09-238-710-8
; Sequence 8, Application US/09238710A
; Patent No. 6518018
; GENERAL INFORMATION:
; APPLICANT: Sostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350004
; CURRENT APPLICATION NUMBER: US/09/238,710A
; CURRENT FILING DATE: 1999-01-28
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
; US-09-238-710-8

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```

Query Match 1.0%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

```

RESULT 41

```

; APPLICANT: Sostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350003
; CURRENT APPLICATION NUMBER: US/09/007,005B
; CURRENT FILING DATE: 1998-01-14
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
; US-09-007-005-8

```

```

Query Match 1.0%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

```

```

RESULT 38
US-09-247-190-8
; Sequence 8, Application US/09247190
; Patent No. 6261804
; GENERAL INFORMATION:
; APPLICANT: Sostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350005
; CURRENT APPLICATION NUMBER: US/09/247,190
; CURRENT FILING DATE: 1999-02-09
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-21
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
; US-09-247-190-8

```

```

Query Match 1.0%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

```

```

RESULT 39
US-09-244-796-8
; Sequence 8, Application US/09244796
; Patent No. 6261344

```

```
US-09-282-734-3
; Sequence 3, Application US/09282734A
; Patent No. 6537749
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis et al.
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
; FILE REFERENCE: 50036/009002
; CURRENT APPLICATION NUMBER: US/09/282,734A
; CURRENT FILING DATE: 1999-03-03
; EARLIER APPLICATION NUMBER: 60/080,686
; EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide used for attaching puromycin
US-09-282-734-3
Query Match 1.0%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27
RESULT 42
US-10-057-783A-41
; Sequence 41, Application US/10057783A
; Patent No. 6977150
; GENERAL INFORMATION:
; APPLICANT: Forster, Anthony C.
; TITLE OF INVENTION: Process and compositions for peptide, protein and
; FILE OF INVENTION: peptidomimetic synthesis
; FILE REFERENCE: 1
; CURRENT APPLICATION NUMBER: US/10/057,783A
; CURRENT FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: FROM SYNTHETIC
; OTHER INFORMATION: DNA
US-10-057-783A-41
Query Match 1.0%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27
RESULT 43
US-09-648-040-4
; Sequence 4, Application US/09648040
; Patent No. 6436665
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis
; TITLE OF INVENTION: METHODS FOR CODING AND SORTING IN VITRO
; FILE OF INVENTION: TRANSLATED PROTEINS
; FILE REFERENCE: 50036/032002
; CURRENT APPLICATION NUMBER: US/09/648,040
; CURRENT FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: US 60/151,261
US-09-282-734-3
; PRIOR FILING DATE: 1999-08-27
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Encoding molecule
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: n at position 10 can be a, t, c, or g.
US-09-648-040-4
Query Match 1.0%; Score 27; DB 1; Length 30;
Best Local Similarity 96.4%; Pred. No. 41;
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2736
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 28
RESULT 44
US-10-003-998A-4
; Sequence 4, Application US/10003998A
; Patent No. 6664064
; GENERAL INFORMATION:
; APPLICANT: Roche Diagnostics GmbH
; TITLE OF INVENTION: Method for melting curve analysis of repetitive PCR
; FILE OF INVENTION: products
; FILE REFERENCE: 5438/00/EP
; CURRENT APPLICATION NUMBER: US/10/003,998A
; CURRENT FILING DATE: 2001-11-14
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-10-003-998A-4
Query Match 1.0%; Score 27; DB 1; Length 32;
Best Local Similarity 100.0%; Pred. No. 44;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2734
Db 6 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 32
RESULT 45
5478746-1
; Patent No. 5478746
; APPLICANT: COHEN, JEFFREY I.; PURCELL, ROBERT H.; FEINSTONE,
; STEPHEN M.; TICEHURST, JOHN R.
; TITLE OF INVENTION: CDNA ENCODING ATTENUATED CELL CULTURE
; ADAPTED HEPATITIS A VIRUS GENOME
; NUMBER OF SEQUENCES: 2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/120,646
; FILING DATE: 13-SEP-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 789,640
; FILING DATE: 12-NOV-1991
; APPLICATION NUMBER: 462,916
; FILING DATE: 12-JAN-1990
; APPLICATION NUMBER: 88,220
; FILING DATE: 24-AUG-1987
; APPLICATION NUMBER: 905,146
; FILING DATE: 09-SEP-1986
; APPLICATION NUMBER: 652,067
; FILING DATE: 19-SEP-1984
```

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Tue Nov 7 10:41:33 2006

APPLICATION NUMBER: 366,165

FILING DATE: 07-APR-1982

SEQ ID NO:1:

LENGTH: 33

5478746-1

Query Match 1.0%; Score 27; DB 1; Length 33;

Best Local Similarity 100.0%; Pred. No. 46;

Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2734

Db 2 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 46

US-09-325-554-18/C

Sequence 18, Application US/09325554

Patent No. 6410235

GENERAL INFORMATION:

APPLICANT: Weindel, Kurt

APPLICANT: Brand, Joachim

TITLE OF INVENTION: DNA DETECTION BY MEANS OF A STRAND REASSOCIATION COMPLEX

FILE REFERENCE: 024420-00008

CURRENT APPLICATION NUMBER: US/09/325,554

CURRENT FILING DATE: 1999-06-04

PRIOR APPLICATION NUMBER: 198-24-900.4

PRIOR FILING DATE: 1998-06-04

NUMBER OF SEQ ID NOS: 18

SOFTWARE: Patent-In version 3.1

SEQ ID NO 18

LENGTH: 27

TYPE: DNA

ORGANISM: Mycobacterium tuberculosis

FEATURE:

NAME/KEY: misc signal

LOCATION: (27)..(27)

OTHER INFORMATION: Y means incorporation of Aminolinker-phosphoramidite subsequently

US-09-325-554-18

Query Match 1.0%; Score 26.6; DB 1; Length 27;

Best Local Similarity 96.3%; Pred. No. 41;

Matches 26; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735

Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 47

US-10-102-720-18/C

Sequence 18, Application US/10102720

Patent No. 6790623

GENERAL INFORMATION:

APPLICANT: Weindel, Kurt

APPLICANT: Brand, Joachim

TITLE OF INVENTION: DNA DETECTION BY MEANS OF A STRAND REASSOCIATION COMPLEX

FILE REFERENCE: 101614-00014

CURRENT APPLICATION NUMBER: US/10/102,720

CURRENT FILING DATE: 2002-03-22

PRIOR APPLICATION NUMBER: 09/325,554

PRIOR FILING DATE: 1999-06-04

NUMBER OF SEQ ID NOS: 18

SOFTWARE: Patent-In version 3.1

SEQ ID NO 18

LENGTH: 27

TYPE: DNA

ORGANISM: Mycobacterium tuberculosis

FEATURE:

NAME/KEY: misc signal

LOCATION: (27)..(27)

OTHER INFORMATION: Y means incorporation of Aminolinker-phosphoramidite subsequently

OTHER INFORMATION: esterated with 3-O carboxymethyl digoxigenin

US-10-102-720-18

Query Match

1.0%; Score 26.6; DB 1; Length 27;

Best Local Similarity 96.3%; Pred. No. 41;

Matches 26; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735

Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 48

US-08-621-914A-1/C

Sequence 1, Application US/08621914A

Patent No. 5707807

GENERAL INFORMATION:

APPLICANT: KATO, KIKUYA

TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE

TITLE OF INVENTION: ANALYSIS

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESS:

ADDRESSEE: PENNIE & EDMONDS

STREET: 1155 AVENUE OF THE AMERICAS

CITY: NEW YORK

STATE: NY

COUNTRY: USA

ZIP: 10036-2711

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/621,914A

FILING DATE: 26-MAR-1996

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: LAWRENCE III, STANTON T.

REGISTRATION NUMBER: 25,736

REFERENCE/DOCKET NUMBER: 7005-107-999

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 790-9090

TELEFAX: (212) 869-9741

TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 26 base pairs

TYPE: nucleic acid

STRANDEDNESS: unknown

TOPOLOGY: unknown

MOLECULE TYPE: other nucleic acid

US-08-621-914A-1

Query Match 0.9%; Score 26; DB 1; Length 26;

Best Local Similarity 100.0%; Pred. No. 46;

Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2733

Db 26 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 49

US-08-859-998-679

Sequence 679, Application US/08859998

Patent No. 5994076

GENERAL INFORMATION:

APPLICANT: Chenchik, Alex

APPLICANT: Jokhadze, George

APPLICANT: Bibilashvili, Robert

TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL

TITLE OF INVENTION: EXPRESSION

```
;
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 679:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
;
; US-08-859-998-679
;
; Query Match 0.9%; Score 26; DB 1; Length 26;
; Best Local Similarity 100.0%; Pred. No. 46;
; Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 2360 AGCAAGGTTACCTGGGCAAGTTCAC 2385
; DB 1 AGCAAGGTTACCTGGGCAAGTTCAC 26
;
; RESULT 50
; US-09-197-951-5/c
; Sequence 5, Application US/09197951
; Patent No. 6197554
; GENERAL INFORMATION:
; APPLICANT: LIN, SHI-LUNG
; CHUNG, CHENG-MING
; YING, SHAO-YAO
; TITLE OF INVENTION: Method for Generating Full-Length cDNA
; Library from Single Cells
;
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David & Raymond Patent Firm
; STREET: 108 N. Ynez Ave., Suite 128
; CITY: Monterey Park
; STATE: CA
; COUNTRY: USA
; ZIP: 91754
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/197,951
; FILING DATE: 20-No. 6197554-1998
```

```
;
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chan, Raymond Y.C.
; REGISTRATION NUMBER: 37,484
; REFERENCE/DOCKET NUMBER: USP8462A-SL(3)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 571-9812
; TELEFAX: (626) 571-9813
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
;
; US-09-197-951-5
;
; Query Match 0.9%; Score 26; DB 1; Length 26;
; Best Local Similarity 100.0%; Pred. No. 46;
; Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2734
; DB 26 AAAAAAAAAAAAAAAAAAAAAAAAAA 1
;
; RESULT 51
; US-09-522-217-38/c
; Sequence 38, Application US/09522217
; Patent No. 6307024
; GENERAL INFORMATION:
; APPLICANT: No. 6307024ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/522,217
; CURRENT FILING DATE: 2000-03-09
; EARLIER APPLICATION NUMBER: US 60/123,547
; EARLIER FILING DATE: 1999-03-09
; EARLIER APPLICATION NUMBER: US 60/123,904
; EARLIER FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: US 60/142,013
; EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
;
; US-09-522-217-38
;
; Query Match 0.9%; Score 26; DB 1; Length 26;
; Best Local Similarity 100.0%; Pred. No. 46;
; Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 2708 TAAAAAAAAAAAAAAAAAAAAAAAAA 2733
; DB 26 TAAAAAAAAAAAAAAAAAAAAAAAAA 1
```



```
Db      1  AGCAAGGTACGTCGGCAAGTTAC 26

RESULT 55
US-09-923-246-38/c
; Sequence 38, Application US/09923246
; Patent No. 6605272
; GENERAL INFORMATION:
; APPLICANT: No. 6605272ak, Julia E.
; APPLICANT: Preenell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-246-38

Query Match      0.9%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2708 TAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db      26 TAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 56
US-10-295-723-38/c
; Sequence 38, Application US/10295723
; Patent No. 6686178
; GENERAL INFORMATION:
; APPLICANT: No. 6686178ak, Julia E.
; APPLICANT: Preenell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013

Db      1  AGCAAGGTACGTCGGCAAGTTAC 26

RESULT 57
US-09-923-236-7/c
; Sequence 7, Application US/09923236
; Patent No. 6828419
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/923,236
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-236-7

Query Match      0.9%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2708 TAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db      26 TAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 58
US-10-053-883-53/c
; Sequence 53, Application US/10053883
; Patent No. 6958217
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-10-053-883-53/c

Query Match      0.9%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2708 TAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db      26 TAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 59
US-10-053-883-53/c
; Sequence 53, Application US/10053883
; Patent No. 6958217
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-10-053-883-53/c
```



```

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-569-344-6

Query Match          0.9%; Score 25.8; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 54;
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2737
Db 29 AAAAAAAAAACAAAAAAAAAAAAAAAAACAAA 1

RESULT 62
US-08-455-627-12
; Sequence 12, Application US/08455627
; Patent No. 5571677
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
; TITLE OF INVENTION: Connected Macromolecular Structures
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward LLP
; STREET: Five Palo Alto Square, 3000 El Camino Real
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,627
; FILING DATE: 31-MAY-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakamura, Jackie N.
; REGISTRATION NUMBER: 35,966
; REFERENCE/DOCKET NUMBER: LYNX-003/01 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5000
; TELEFAX: 415-857-0663
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-455-627-12

Query Match          0.9%; Score 25.8; DB 1; Length 30;
Best Local Similarity 93.1%; Pred. No. 56;
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2706 ACTAAAAAAAAAAAAAAAAAAAAAAAAAAA 2734
Db 2 ACACAAAAAAAAAAAAAAAAAAAAAAAAAAAA 30

RESULT 63
US-08-689-856-12
; Sequence 12, Application US/08689856
; Patent No. 5830658
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
; TITLE OF INVENTION: Connected Macromolecular Structures
```

```

; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward LLP
; STREET: Five Palo Alto Square, 3000 El Camino Real
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/689,856
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,627
; FILING DATE: 31-MAY-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakamura, Jackie N.
; REGISTRATION NUMBER: 35,966
; REFERENCE/DOCKET NUMBER: LYNX-003/01 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5000
; TELEFAX: 415-857-0663
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-689-856-12

Query Match          0.9%; Score 25.8; DB 1; Length 30;
Best Local Similarity 93.1%; Pred. No. 56;
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2706 ACTAAAAAAAAAAAAAAAAAAAAAAAAAAA 2734
Db 2 ACACAAAAAAAAAAAAAAAAAAAAAAAAAAAA 30

RESULT 64
US-08-787-321-12
; Sequence 12, Application US/08787321A
; Patent No. 6180777
; GENERAL INFORMATION:
; APPLICANT: Horn, Thomas
; TITLE OF INVENTION: SYNTHESIS OF BRANCHED NUCLEIC ACIDS
; FILE REFERENCE: (1300)-1199.002
; CURRENT APPLICATION NUMBER: US/08/787,321A
; CURRENT FILING DATE: 1997-01-03
; EARLIER APPLICATION NUMBER: US PROV 60/009,918
; EARLIER FILING DATE: 1996-01-12
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-08-787-321-12

Query Match          0.9%; Score 25.8; DB 1; Length 30;
Best Local Similarity 93.1%; Pred. No. 56;
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2706 ACTAAAAAAAAAAAAAAAAAAAAAAAAAAA 2734
```

Db 2 ACACAAAAAAAAAAAAAAAAAAAAAAAAAAAA 30

RESULT 65

US-08-126-594-8/c

Sequence 8, Application US/08126594

Patent No. 5482845

GENERAL INFORMATION:

APPLICANT: Soares, M. Bento

APPLICANT: Efstratiadis, Argiris

TITLE OF INVENTION: METHOD FOR CONSTRUCTION OF NORMALIZED

TITLE OF INVENTION: CDNA LIBRARIES

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSEE: John P. White, c/o Cooper & Dunham

STREET: 30 Rockefeller Plaza

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10112

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/126,594

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: White, John P.

REGISTRATION NUMBER: 28,678

REFERENCE/DOCKET NUMBER: 42840/JPW/AKC

TELEPHONE: (212) 977-9550

TELEFAX: (212) 664-0525

TELEX: 422523 COOP UI

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 32 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-126-594-8

Query Match 0.9%; Score 25.6; DB 1; Length 32;

Best Local Similarity 87.5%; Pred. No. 64;

Matches 28; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2740

Db 32 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 66

US-08-465-811A-8/c

Sequence 8, Application US/08465811A

Patent No. 5637685

GENERAL INFORMATION:

APPLICANT: Soares, M. Bento

APPLICANT: Efstratiadis, Argiris

TITLE OF INVENTION: METHOD FOR CONSTRUCTION OF

TITLE OF INVENTION: NORMALIZED CDNA LIBRARIES

NUMBER OF SEQUENCES: 26

CORRESPONDENCE ADDRESS:

ADDRESSEE: John P. White, c/o Cooper & Dunham

STREET: 30 Rockefeller Plaza

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/619,542B

FILING DATE: June 21, 1996

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: White, John P.

REGISTRATION NUMBER: 28,678

REFERENCE/DOCKET NUMBER: 42840-A-PCT-US

TELEPHONE: (212) 278-0400

TELEFAX: (212) 391-0525

TELEX:

; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 32 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-619-542B-8

Query Match 0.9%; Score 25.6; DB 1; Length 32;
Best Local Similarity 87.5%; Pred. No. 64;
Matches 28; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2740
Db 32 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 68
US-09-475-947A-153/c
; Sequence 153, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTSD0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 153
; LENGTH: 27
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-153

Query Match 0.9%; Score 25.4; DB 1; Length 27;
Best Local Similarity 96.3%; Pred. No. 56;
Matches 26; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 27 AAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 69
US-09-527-345-6/c
; Sequence 6, Application US/09527345
; Patent No. 6331413
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/527,345
; CURRENT FILING DATE: 1999-03-17
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 3.0
; SEQ ID NO 6
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
US-09-527-345-6

Query Match 0.9%; Score 25.2; DB 1; Length 26;

Best Local Similarity 96.2%; Pred. No. 57;
Matches 25; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 26 BAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 70
US-09-167-513-10/c
; Sequence 10, Application US/09167513
; Patent No. 638864
; GENERAL INFORMATION:
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Blumberg, Hal
; TITLE OF INVENTION: A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219A
; FILE REFERENCE: 97-63
; CURRENT APPLICATION NUMBER: US/09/167,513
; CURRENT FILING DATE: 1998-10-06
; EARLIER APPLICATION NUMBER: US 60/061,712
; EARLIER FILING DATE: 1997-10-06
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 10
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
US-09-167-513-10

Query Match 0.9%; Score 25.2; DB 1; Length 26;
Best Local Similarity 96.2%; Pred. No. 57;
Matches 25; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 26 BAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 71
US-09-161-939A-43/c
; Sequence 43, Application US/09161939A
; Patent No. 6486299
; GENERAL INFORMATION:
; APPLICANT: Shinkets, Richard A.
; TITLE OF INVENTION: Genes and Proteins Predictive and Therapeutic for
; FILE REFERENCE: Stroke, Hypertension, Diabetes, and Obesity
; FILE REFERENCE: 15966-527
; CURRENT APPLICATION NUMBER: US/09/161,939A
; CURRENT FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo(dT)<25>V
US-09-161-939A-43

Query Match 0.9%; Score 25.2; DB 1; Length 26;
Best Local Similarity 96.2%; Pred. No. 57;
Matches 25; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 26 BAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 72
US-09-923-236-6/c
; Sequence 6, Application US/09923236

```
; Patent No. 6828419
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: SECRETED SALIVARY ZSTG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/923,236
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
US-09-923-236-6

Query Match 0.9%; Score 25.2; DB 1; Length 26;
Best Local Similarity 96.2%; Pred. No. 57;
Matches 25; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA.....AAAAAAAAAAAAAAAA 2733
Db 26 BAAAAA.....AAAAAAAAAAAAAAAA 1

RESULT 73
US-10-071-214-42/c
Sequence 42, Application US/10071214
Patent No. 7019194
GENERAL INFORMATION:
APPLICANT: HANSSON, Lennart
APPLICANT: EGELRUD, Torbjorn
TITLE OF INVENTION: SCCE MODIFIED TRANSGENIC MAMMALS AND THEIR USE AS MODELS OF HUMAN
FILE REFERENCE: HANSSON-3A
CURRENT APPLICATION NUMBER: US/10/071,214
CURRENT FILING DATE: 2002-02-11
PRIOR APPLICATION NUMBER: US 60/267,422
PRIOR FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: DK PA 2001 00218
PRIOR FILING DATE: 2001-02-09
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn version 3.1
SEQ ID NO 42
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: 5'-RACE cDNA synthesis primer
FEATURE:
NAME/KEY: misc feature
LOCATION: (27)-(27)
OTHER INFORMATION: n is a or g or c or t
US-10-071-214-42

Query Match 0.9%; Score 25.2; DB 1; Length 27;
Best Local Similarity 96.2%; Pred. No. 59;
Matches 25; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA.....AAAAAAAAAAAAAAAA 2733
Db 26 BAAAAA.....AAAAAAAAAAAAAAAA 1

RESULT 74
US-08-341-148-2/c
Sequence 2, Application US/08341148
Patent No. 5610287
GENERAL INFORMATION:
APPLICANT: NIKIFOROV, THEO
```

```
; APPLICANT: KNAPP, MICHAEL
; TITLE OF INVENTION: METHOD FOR THE IMMOBILIZATION OF NUCLEIC
; MOLECULES
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: HOWREY & SIMON
; STREET: 1299 PENNSYLVANIA AVENUE, N.W.
; CITY: WASHINGTON
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA: US/08/341,148
; APPLICATION NUMBER: US/08/341,148
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: AUERBACH, JEFFREY I
; REGISTRATION NUMBER: 32,680
; REFERENCE/DOCKET NUMBER: 839-105
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 383-7451
; TELEFAX: (202) 383-6610
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Equus caballus
; IMMEDIATE SOURCE:
; CLONE: Biotin-T25
US-08-341-148-2

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 75
US-08-460-130-2/c
Sequence 2, Application US/08460130
Patent No. 5734020
GENERAL INFORMATION:
APPLICANT: Yuan N. Wong
TITLE OF INVENTION: Production and Use
TITLE OF INVENTION: of Magnetic Porous Inorganic Materials
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: CFG, Inc.
STREET: 3 Borinski Road
CITY: Lincoln Park
STATE: New Jersey
COUNTRY: United States of America
ZIP: 07035
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3M Double Density
; MEDIUM TYPE: 5 1/4" diskette
; COMPUTER: Wang PC
; OPERATING SYSTEM: MS DOS Version
; OPERATING SYSTEM: 3.20
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; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,130
; FILING DATE: 2 June 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/307,307
; FILING DATE: 16 September 1994
; APPLICATION NUMBER: 07/794,910
; FILING DATE: 20 No. 5734020ember 1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Itons, Edward S.
; REGISTRATION NUMBER: 16,541
; REFERENCE/DOCKET NUMBER: Wong
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 626-3564
; TELEFAX: (202) 783-6031
; TELEX: No. 5734020e
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25
; TYPE: Nucleotide
; STRANDEDNESS: Single
; TOPOLOGY: Unknown
; US-08-460-130-2

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 76
US-08-969-813-1/c
; Sequence 1, Application US/08969813
; Patent No. 6060246
; GENERAL INFORMATION:
; APPLICANT: Summerton, James E.
; APPLICANT: Weller, Dwight D.
; APPLICANT: Wages, John M.
; TITLE OF INVENTION: Reagent and Method for Isolation
; TITLE OF INVENTION: and Detection of Selected Nucleic Acid Sequences
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dehlinger & Associates
; STREET: P.O. Box 60850
; CITY: Palo Alto
; STATE: CA
; COUNTRY: US
; ZIP: 94306
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/969,813
; FILING DATE: 13-NOV-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/030,963
; FILING DATE: 15-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Gorthey, LeeAnn
; REGISTRATION NUMBER: 37,337
; REFERENCE/DOCKET NUMBER: 0450-0013.30
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-324-0880
; TELEFAX: 650-324-0960
; TELEX:

; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-969-813-1

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 77
US-09-183-619-5/c
; Sequence 5, Application US/09183619
; Patent No. 6103474
; GENERAL INFORMATION:
; APPLICANT: DELLINGER, DOUGLAS J.
; APPLICANT: DAHM, SUEANN C.
; APPLICANT: ILSLEY, DIANE D.
; APPLICANT: ACH, ROBERT A.
; APPLICANT: TROLL, MARK A.
; TITLE OF INVENTION: HYBRIDIZATION ASSAY SIGNAL ENHANCEMENT
; FILE REFERENCE: 10981619-1
; CURRENT APPLICATION NUMBER: US/09/183,619
; CURRENT FILING DATE: 1998-10-30
; EARLIER APPLICATION NUMBER: 08/735,381
; EARLIER FILING DATE: 1996-10-21
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 25
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reporter probe
; US-09-183-619-5

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 57;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 78
US-09-282-734-23/c
; Sequence 23, Application US/09282734A
; Patent No. 6537749
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis et al.
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
; FILE REFERENCE: 50036/009002
; CURRENT APPLICATION NUMBER: US/09/282,734A
; CURRENT FILING DATE: 1999-03-03
; EARLIER APPLICATION NUMBER: 60/080,686
; EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Capture probe sequence
; US-09-282-734-23
```



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; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
US-08-621-914A-2

Query Match 0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 83
US-08-621-914A-3/c
; Sequence 3, Application US/08621914A
; Patent No. 5707807
; GENERAL INFORMATION:
; APPLICANT: KATO, KIKUYA
; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
; TITLE OF INVENTION: ANALYSIS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 AVENUE OF THE AMERICAS
; CITY: NEW YORK
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/621,914A
; FILING DATE: 26-MAR-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: LAWRENCE III, STANTON T.
; REGISTRATION NUMBER: 25,736
; REFERENCE/DOCKET NUMBER: 7005-107-999
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs

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; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: other nucleic acid
US-08-621-914A-3

Query Match 0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 84
US-08-873-437-2/c
; Sequence 2, Application US/08873437
; Patent No. 6124092
; GENERAL INFORMATION:
; APPLICANT: O'Neill, Roger A.
; APPLICANT: Chen, Jer-Kang
; APPLICANT: Chiesa, Claudia
; APPLICANT: Fry, George
; TITLE OF INVENTION: Multiplex Polynucleotide Capture
; TITLE OF INVENTION: Methods and Compositions
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PE Applied Biosystems
; STREET: 850 Lincoln Centre Drive
; CITY: Foster City
; STATE: CA
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/873,437
; FILING DATE: 12-JUN-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/027,832
; FILING DATE: 04-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Boerner, Scott R.
; REGISTRATION NUMBER: 34,298
; REFERENCE/DOCKET NUMBER: 4294
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-638-6245
; TELEFAX: 415-638-6071
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-873-437-2

Query Match 0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 85
US-09-522-217-39/c
; Sequence 39, Application US/09522217
; Patent No. 6307024

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Tue Nov 7 10:41:33 2006

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; GENERAL INFORMATION:
; APPLICANT: No. 6307024ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/522,217
; EARLIER FILING DATE: 2000-03-09
; EARLIER APPLICATION NUMBER: US 60/123,547
; EARLIER FILING DATE: 1999-03-09
; EARLIER APPLICATION NUMBER: US 60/123,904
; EARLIER FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: US 60/142,013
; EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
; US-09-522-217-39

Query Match 0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 86
US-09-312-2/c
; Sequence 2, Application US/09593312
; Patent No. 6514699
; GENERAL INFORMATION:
; APPLICANT: O'Neill, Roger A.
; APPLICANT: Chen, Jer-Kang
; APPLICANT: Chiesa, Claudia
; APPLICANT: Fry, George
; TITLE OF INVENTION: Multiplex Polynucleotide Capture
; TITLE OF INVENTION: Methods and Compositions
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PE Applied Biosystems
; STREET: 850 Lincoln Centre Drive
; CITY: Foster City
; STATE: CA
; COUNTRY: USA
; ZIP: 94040
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/593,312
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/873,437
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Bortner, Scott R.
; REGISTRATION NUMBER: 34,298

; GENERAL INFORMATION:
; APPLICANT: No. 6307024ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/522,217
; EARLIER FILING DATE: 2000-03-09
; EARLIER APPLICATION NUMBER: US 60/123,547
; EARLIER FILING DATE: 1999-03-09
; EARLIER APPLICATION NUMBER: US 60/123,904
; EARLIER FILING DATE: 1999-03-11
; EARLIER APPLICATION NUMBER: US 60/142,013
; EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
; US-09-522-217-39

Query Match 0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 87
US-09-923-246-39/c
; Sequence 39, Application US/09923246
; Patent No. 6605272
; GENERAL INFORMATION:
; APPLICANT: No. 6605272ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
; US-09-923-246-39

Query Match 0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 60;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 88
US-09-658-077-1/c
; Sequence 1, Application US/09658077
; Patent No. 6627748
; GENERAL INFORMATION:
; APPLICANT: Ju, Jingyue
; APPLICANT: et al.
; TITLE OF INVENTION: Combinatorial Fluorescence Energy Transfer Tags And
```


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Tue Nov 7 10:41:33 2006

```

; STREET: 4560 Horton Street
; CITY: Emeryville
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94608
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/296,793
; FILING DATE: 25-AUG-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: GOLDMAN, KENNETH M.
; REGISTRATION NUMBER: 34,174
; REFERENCE/DOCKET NUMBER: 0409.001
; TELEPHONE: (510) 601-2719
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 11..15
; OTHER INFORMATION: /products= "N represents compound 5
; OTHER INFORMATION: or compound 15"
; US-08-296-793-2

Query Match 0.9%; Score 25; DB 1; Length 30;
Best Local Similarity 83.3%; Pred. No. 69;
Matches 25; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 30 AAAAAAAAAAAAAAAAANNNNNNAAAAAAAAA 1

RESULT 93
US-08-014-943A-25
; Sequence 25, Application US/08014943A
; Patent No. 5545551
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: Cloning And Expression Of PUR Protein
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/014,943A
; FILING DATE: 02/FEB/1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-033

```

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869-8864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
; US-08-014-943A-25

Query Match 0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 24

RESULT 94
US-08-486-421-50
; Sequence 50, Application US/08486421
; Patent No. 5672479
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,421
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,911
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-486-421-50

Query Match 0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732

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Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 95
US-08-470-911-50
; Sequence 50, Application US/08470911
; Patent No. 5756684
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/470,911
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; ANTI-SENSE: NO
; US-08-470-911-50

Query Match 0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 96
US-08-735-381-1
; Sequence 1, Application US/08735381
; Patent No. 5853993
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J.
; APPLICANT: Dahm, SueAnn
; APPLICANT: Troll, Mark
; TITLE OF INVENTION: SIGNAL ENHANCEMENT METHOD AND KIT
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hewlett-Packard Company, Legal Dept.,
; ADDRESSEE: Intellectual Property
; STREET: 1501 Page Mill Road, MS 4U-10
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1126
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/735,381
; FILING DATE: 21-OCT-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Choi, Wendy A.
; REGISTRATION NUMBER: 36,697
; REFERENCE/DOCKET NUMBER: 10950427-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-857-4125
; TELEFAX: 650-852-8063
; TELEX: 348-461
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: mRNA
; HYPOTHETICAL: YES
; ANTI-SENSE: NO
; US-08-735-381-1

Query Match 0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 97
US-08-486-809-50
; Sequence 50, Application US/08486809
; Patent No. 5869622
; GENERAL INFORMATION:
; APPLICANT: Johnson, Edward M.
; APPLICANT: Bergemann, Andrew D.
; TITLE OF INVENTION: CLONING AND EXPRESSION OF PUR PROTEIN
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/486,809
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/470,911
; FILING DATE: 06-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A.
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 6923-053
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 790-9090
; TELEFAX: (212) 869-9741/8864
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 50:

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;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-486-809-50

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 98
US-09-183-619-7
; Sequence 7, Application US/09183619
; Patent No. 6103474
; GENERAL INFORMATION:
; APPLICANT: DELLINGER, DOUGLAS J.
; APPLICANT: DAHM, SUEANN C.
; APPLICANT: LISLEY, DIANE D.
; APPLICANT: ACH, ROBERT A.
; APPLICANT: TROLL, MARK A.
; TITLE OF INVENTION: HYBRIDIZATION ASSAY SIGNAL ENHANCEMENT
; FILE REFERENCE: 10981619-1
; CURRENT APPLICATION NUMBER: US/09/183,619
; CURRENT FILING DATE: 1998-10-30
; EARLIER APPLICATION NUMBER: 08/735,381
; EARLIER FILING DATE: 1996-10-21
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 7
; LENGTH: 24
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: poly A-RNA target
; OTHER INFORMATION: analyte
US-09-183-619-7

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 99
US-09-201-674-1
; Sequence 1, Application US/09201674
; Patent No. 6110682
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J.
; APPLICANT: Dahm, SueAnn
; APPLICANT: Troll, Mark
; TITLE OF INVENTION: SIGNAL ENHANCEMENT METHOD AND KIT
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Hewlett-Packard Company, Legal Dept.,
; Intellectual Property
; STREET: 1501 Page Mill Road, MS 4U-10
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94304-1126
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
;

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/201,674
FILING DATE: 30-NOV-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/735,381
FILING DATE: 21-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10950427-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-857-4125
TELEFAX: 650-852-8063
TELEX: 348-461
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: mRNA
HYPOTHETICAL: YES
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-201-674-1

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 100
US-09-536-936-11
; Sequence 11, Application US/09536936
; Patent No. 6346384
; GENERAL INFORMATION:
; APPLICANT: Pollner, Reinhold
; TITLE OF INVENTION: Real Time Monitoring of PCR Using LOCI
; FILE REFERENCE: BEH-7438
; CURRENT APPLICATION NUMBER: US/09/536,936
; CURRENT FILING DATE: 2001-06-11
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide attached to beads
US-09-536-936-11

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 101
US-09-025-639-4
; Sequence 4, Application US/09025639
; Patent No. 6365346
; GENERAL INFORMATION:

```

APPLICANT: Kurn, Nurith
APPLICANT: Patel, Rajesh D.
TITLE OF INVENTION: Quantitative Determination of Nucleic
FILE OF INVENTION: Acid Amplification Products
FILE REFERENCE: BEH-7408
CURRENT APPLICATION NUMBER: US/09/025,639
CURRENT FILING DATE: 1998-02-18
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_binding
LOCATION: (1)...(24)
OTHER INFORMATION: Synthetic DNA Probe
US-09-025-639-4

Query Match 0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 102

US-09-333-237-4
Sequence 4, Application US/09333237
Patent No. 6406667
GENERAL INFORMATION:
APPLICANT: Singh, Sharat
APPLICANT: Ullman, Edwin F.
TITLE OF INVENTION: Chemiluminescent Compositions For Use In
FILE OF INVENTION: Detection of Multiple Analytes
FILE REFERENCE: BEH-7383A
CURRENT APPLICATION NUMBER: US/09/333,237
CURRENT FILING DATE: 1999-06-15
PRIOR APPLICATION NUMBER: 09/025,624
PRIOR FILING DATE: 1998-02-18
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: detection probe bound to sensitizer particle
US-09-333-237-4

Query Match 0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 103

US-10-043-415-4
Sequence 4, Application US/10043415
Patent No. 6573054
GENERAL INFORMATION:
APPLICANT: Kurn, Nurith
APPLICANT: Patel, Rajesh D.
TITLE OF INVENTION: Quantitative Determination of Nucleic
FILE OF INVENTION: Acid Amplification Products
FILE REFERENCE: BEH-7408
CURRENT APPLICATION NUMBER: US/10/043,415
CURRENT FILING DATE: 2002-01-10

PRIOR APPLICATION NUMBER: US/09/025,639
PRIOR FILING DATE: 1998-02-18
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc_binding
LOCATION: (1)...(24)
OTHER INFORMATION: Synthetic DNA Probe
US-10-043-415-4

Query Match 0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 104

US-09-854-317-1
Sequence 1, Application US/09854317
Patent No. 6582938
GENERAL INFORMATION:
APPLICANT: Su, Xing
APPLICANT: Dong, Helin
APPLICANT: Ryder, Thomas B.
TITLE OF INVENTION: Amplification of Nucleic Acids
FILE REFERENCE: 3234.2
CURRENT APPLICATION NUMBER: US/09/854,317
CURRENT FILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 24
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: synthetic oligonucleotide
US-09-854-317-1

Query Match 0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 105

US-09-926-028-28
Sequence 28, Application US/09926028
Patent No. 6806049
GENERAL INFORMATION:
APPLICANT: MAEKAWA, TAKAMI
APPLICANT: MITSUI, AKIRA
APPLICANT: DATE, MASAYO
APPLICANT: FUKUDA, HISAO
APPLICANT: TAKAHARA, YOSHIYUKI
TITLE OF INVENTION: METHOD FOR ANALYZING EXPRESSION FREQUENCIES OF GENES
FILE REFERENCE: 212833USOPCT
CURRENT APPLICATION NUMBER: US/09/926,028
CURRENT FILING DATE: 2001-08-16
PRIOR APPLICATION NUMBER: PCT/JP00/00902
PRIOR FILING DATE: 2000-02-17
PRIOR APPLICATION NUMBER: JP 11-038538
PRIOR FILING DATE: 1999-02-17
NUMBER OF SEQ ID NOS: 45

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; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-10-009-962-10

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 108
US-09-859-736-5/c
; Sequence 5, Application US/09859736
; Patent No. 6838244
; GENERAL INFORMATION:
; APPLICANT: LI, WAN-LIANG ROBERT
; APPLICANT: ZHOU, JIAN S.
; TITLE OF INVENTION: FLUORESCENT OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 16517.248
; CURRENT APPLICATION NUMBER: US/09/859,736
; CURRENT FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,452
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: CATAB oligonucleotide
US-09-859-736-5

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 109
US-10-671-628-10/c
; Sequence 10, Application US/10671628
; Patent No. 6927288
; GENERAL INFORMATION:
; APPLICANT: ITO, Kikukatsu
; TITLE OF INVENTION: Plant Thermogenic Genes and Proteins
; FILE REFERENCE: 2003-1386A/WMC/00653
; CURRENT APPLICATION NUMBER: US/10/671,628
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: 10/009,962
; PRIOR FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: PCT/JP00/03806
; PRIOR FILING DATE: 2000-06-12
; PRIOR APPLICATION NUMBER: JP11-167439
; PRIOR FILING DATE: 1999-06-14
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: cDNA Primer
US-10-671-628-10

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 107
US-10-009-962-10/c
; Sequence 10, Application US/10009962
; Patent No. 6825321
; GENERAL INFORMATION:
; APPLICANT: ITO, Kikukatsu
; TITLE OF INVENTION: Plant Thermogenic Genes and Proteins
; FILE REFERENCE: 2001-1838A/LC/00653
; CURRENT APPLICATION NUMBER: US/10/009,962
; CURRENT FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: PCT/JP00/03806
; PRIOR FILING DATE: 2000-06-12
; PRIOR APPLICATION NUMBER: JP11-167439
; PRIOR FILING DATE: 1999-06-14
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: cDNA Primer
US-10-009-962-10

; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
; NAME/KEY: polyA_signal
; LOCATION: (1)..(24)
; OTHER INFORMATION:
US-09-926-028-28

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 24

RESULT 106
US-09-213-834B-3/c
; Sequence 3, Application US/09213834B
; Patent No. 6825011
; GENERAL INFORMATION:
; APPLICANT: Romantchikov, Yuri
; TITLE OF INVENTION: IMPROVED METHODS FOR INSERTION OF
; NUCLEIC ACIDS INTO CIRCULAR VECTORS
; FILE REFERENCE: 11639/1
; CURRENT APPLICATION NUMBER: US/09/213,834B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Cloning Vector
US-09-213-834B-3

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 107
US-10-009-962-10/c
; Sequence 10, Application US/10009962
; Patent No. 6825321
; GENERAL INFORMATION:
; APPLICANT: ITO, Kikukatsu
; TITLE OF INVENTION: Plant Thermogenic Genes and Proteins
; FILE REFERENCE: 2001-1838A/LC/00653
; CURRENT APPLICATION NUMBER: US/10/009,962
; CURRENT FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: PCT/JP00/03806
; PRIOR FILING DATE: 2000-06-12
; PRIOR APPLICATION NUMBER: JP11-167439
; PRIOR FILING DATE: 1999-06-14
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: cDNA Primer
US-10-009-962-10

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```
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
DB 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 110
US-09-213-834B-9/c
; Sequence 9, Application US/09213834B
; Patent No. 6825011
; GENERAL INFORMATION:
; APPLICANT: Romantchikov, Yuri
; TITLE OF INVENTION: IMPROVED METHODS FOR INSERTION OF
; FILE REFERENCE: 11639/1
; CURRENT APPLICATION NUMBER: US/09/213,834B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Cloning Vector
US-09-213-834B-9

Query Match 0.9%; Score 24; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 74;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
DB 25 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 111
US-09-213-834B-8/c
; Sequence 8, Application US/09213834B
; Patent No. 6825011
; GENERAL INFORMATION:
; APPLICANT: Romantchikov, Yuri
; TITLE OF INVENTION: IMPROVED METHODS FOR INSERTION OF
; FILE REFERENCE: 11639/1
; CURRENT APPLICATION NUMBER: US/09/213,834B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Cloning Vector
US-09-213-834B-8

Query Match 0.9%; Score 24; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 84;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
DB 28 AAAAAAAAAAAAAAAAAAAAAA 5

RESULT 112
US-09-213-834B-12/c
; Sequence 12, Application US/09213834B
; Patent No. 6825011
; GENERAL INFORMATION:
; APPLICANT: Romantchikov, Yuri
```

```
; TITLE OF INVENTION: IMPROVED METHODS FOR INSERTION OF
; FILE REFERENCE: 11639/1
; CURRENT APPLICATION NUMBER: US/09/213,834B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Cloning Vector
US-09-213-834B-12

Query Match 0.9%; Score 24; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 84;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
DB 28 AAAAAAAAAAAAAAAAAAAAAA 5

RESULT 113
US-08-910-632-5
; Sequence 5, Application US/08910632B
; Patent No. 6077668
; GENERAL INFORMATION:
; APPLICANT: KOOL, ERIC T.
; TITLE OF INVENTION: HIGHLY SENSITIVE MULTIMERIC NUCLEIC ACID PROBES
; FILE REFERENCE: 220.00010130
; CURRENT APPLICATION NUMBER: US/08/910,632B
; CURRENT FILING DATE: 1997-08-13
; EARLIER APPLICATION NUMBER: 08/805,631
; EARLIER FILING DATE: 1997-02-26
; EARLIER APPLICATION NUMBER: 08/393,439
; EARLIER FILING DATE: 1995-02-23
; EARLIER APPLICATION NUMBER: 08/047,860
; EARLIER FILING DATE: 1993-04-15
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic AS83 DNA nanocircle
US-08-910-632-5

Query Match 0.9%; Score 23.4; DB 1; Length 26;
Best Local Similarity 96.0%; Pred. No. 90;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
DB 2 AAAAAAAAAAACACAAAAAAAAAAAA 26

RESULT 114
US-08-805-631A-5
; Sequence 5, Application US/08805631A
; Patent No. 6096880
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF ROCHESTER
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
; FILE REFERENCE: DNA
; NUMBER OF SEQUENCES: 72
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MUETTING RAASCH & GEBHARDT, P.A.
; STREET: 119 No. 6096880th Fourth Street, Suite 201
; CITY: Minneapolis
; STATE: Minnesota
```

```
;
; COUNTRY: USA
; ZIP: 55401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/805.631A
; FILING DATE: 26-FEB-97
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: US 08/393.439
; FILING DATE: 23-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/047.860
; FILING DATE: 15-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDBERG, VICTORIA A.
; REGISTRATION NUMBER: 41,287
; REFERENCE/DOCKET NUMBER: 220.00010140
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1226
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
; US-08-805-631A-5

Query Match 0.9%; Score 23.4; DB 1; Length 26;
Best Local Similarity 96.0%; Pred. No. 90;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
Db 2 AAAAAAAAAACAAAAAAAAAAAA 26

RESULT 115
US-09-569-344-5
; Sequence 5, Application US/09569344
; Patent No. 636802
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF ROCHESTER
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND
; DNA
; NUMBER OF SEQUENCES: 72
; CORRESPONDENCE ADDRESS:
; ADDRESSER: MUETING, RAASCH & GEBHARDT, P.A.
; STREET: 119 No. 636802th Fourth Street, Suite 201
; CITY: Minneapolis
; STATE: Minnesota
; COUNTRY: USA
; ZIP: 55401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/569.344
; FILING DATE: 11-May-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/805.631
; FILING DATE: 26-FEB-97
; APPLICATION NUMBER: US 08/393.439
; FILING DATE: 23-FEB-1995
; APPLICATION NUMBER: US 08/047.860
;

;
; COUNTRY: USA
; ZIP: 55401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/805.631A
; FILING DATE: 26-FEB-97
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/393.439
; FILING DATE: 23-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/047.860
; FILING DATE: 15-APR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDBERG, VICTORIA A.
; REGISTRATION NUMBER: 41,287
; REFERENCE/DOCKET NUMBER: 220.00010140
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1226
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
; US-09-569-344-5

Query Match 0.9%; Score 23.4; DB 1; Length 26;
Best Local Similarity 96.0%; Pred. No. 90;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
Db 2 AAAAAAAAAACAAAAAAAAAAAA 26

RESULT 116
US-09-475-947A-134/C
; Sequence 134, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Jonathan R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS0667
; CURRENT APPLICATION NUMBER: US/09/475.947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 134
; LENGTH: 24
; TYPE: DNA
; ORGANISM: human
; US-09-475-947A-134

Query Match 0.8%; Score 23; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 92;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2731
Db 23 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 117
US-09-721-154-4/C
; Sequence 4, Application US/09721154
; Patent No. 6651008
; GENERAL INFORMATION:
; APPLICANT: Vaisberg, Eugeni
; APPLICANT: Adams, Cynthia
; APPLICANT: Sabry, James
; APPLICANT: Crompton, Anne
; TITLE OF INVENTION: Database system including computer code
; for predictive cellular bioinformatics
; FILE REFERENCE: CytoP007C2
; CURRENT APPLICATION NUMBER: US/09/721.154
; CURRENT FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: 09/311.996
; PRIOR FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 14
;
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Psuedo-sequence
US-09-721-154-4
```

```
Query Match 0.8%; Score 23; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 92;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2731
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2
```

RESULT 118

```
US-09-721-154-1/c
; Sequence 1, Application US/09721154
; Patent No. 6651008
; GENERAL INFORMATION:
; APPLICANT: Vaisberg, Eugeni
; APPLICANT: Adams, Cynthia
; APPLICANT: Sabry, James
; APPLICANT: Crompton, Anne
; TITLE OF INVENTION: Database system including computer code
; FILE REFERENCE: Cyt0007C2
; CURRENT APPLICATION NUMBER: US/09/721,154
; CURRENT FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: 09/311,996
; PRIOR FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Psuedo-sequence
US-09-721-154-1
```

```
Query Match 0.8%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 1.1e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 2706 ACTAAAAAAAAAAAAAAAAAAAAA 2729
Db 24 AATAAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 119

```
US-08-113-646A-42
; Sequence 42, Application US/08113646A
; Patent No. 5578468
; GENERAL INFORMATION:
; APPLICANT: PICKUP, David J.
; APPLICANT: PATEL, Dhavalkumar
; APPLICANT: ANTCZAK, James B.
; TITLE OF INVENTION: SITE-SPECIFIC RNA CLEAVAGE
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

```
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/113,646A
; FILING DATE: 31-AUG-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/084,406
; FILING DATE: 10-AUG-1987
; ATTORNEY/AGENT INFORMATION:
; NAME: WILSON, MARY J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 1579-20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; TELEX: 200797 NIXN UR
; INFORMATION FOR SEQ ID NO: 42:
```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
US-08-113-646A-42
```

```
Query Match 0.8%; Score 22.4; DB 1; Length 25;
Best Local Similarity 95.8%; Pred. No. 1.1e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 2 AAAACAAAAAAAAAAAAAAAAAAAAA 25
```

RESULT 120

```
US-08-123-449A-19
; Sequence 19, Application US/08123449A
; Patent No. 5583032
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MAITRA
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,449A
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fedrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.001QPC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 19:
```

iss.res

Tue Nov 7 10:41:33 2006

```

;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; TOPOLOGY: linear
; STRANDEDNESS: single
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: miscellaneous feature
; LOCATION: 1-4
; OTHER INFORMATION: A is linked by 2',5'-linkage
; FEATURE:
; NAME/KEY: miscellaneous feature
; LOCATION: 4
; OTHER INFORMATION: A is linked at 2' end to following
; OTHER INFORMATION: base through a linker moiety
; US-08-123-449A-19
;
; Query Match 0.8%; Score 22; DB 1; Length 22;
; Best Local Similarity 100.0%; Pred. No. 1.1e+02;
; Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2730
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

;
; RESULT 121
; US-08-458-050-19
; Sequence 19, Application US/08458050
; Patent No. 5677289
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RAVAN, MAITRA
; APPLICANT: KRISTYNA, LESTAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESS: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,050
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/123,449
; FILING DATE: 17-SEP-1993
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fedrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.001QPC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: miscellaneous feature
; LOCATION: 1-4
; OTHER INFORMATION: A is linked by 2',5'-linkage
; FEATURE:
; NAME/KEY: miscellaneous feature
; LOCATION: 4
; OTHER INFORMATION: A is linked at 2' end to following
; OTHER INFORMATION: base through a linker moiety
; US-08-458-050-19
;
; Query Match 0.8%; Score 22; DB 1; Length 22;
; Best Local Similarity 100.0%; Pred. No. 1.1e+02;
; Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2730
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

;
; RESULT 122
; US-08-847-844A-94
; Sequence 94, Application US/08847844A
; Patent No. 6150160
; GENERAL INFORMATION:
; APPLICANT: KAZAZIAN JR., HAIG H.
; APPLICANT: BOEKE, JEF D.
; APPLICANT: MORAN, JOHN V.
; APPLICANT: DOMEROSKI, BETH A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF
; TITLE OF INVENTION: MAMMALIAN RETROTRANSPOSONS
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.
; STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND FL.
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103-7086
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/847,844A
; FILING DATE: 28-APR-1997
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/749,805
; FILING DATE: 16-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/006,831
; FILING DATE: 16-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: DOYLE LEARY Ph.D., KATHRYN
; REGISTRATION NUMBER: 36,317
; REFERENCE/DOCKET NUMBER: 9596-23U2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-567-2991
; TELEFAX: 215-567-2991
; INFORMATION FOR SEQ ID NO: 94:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid

```

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA (genomic)
US-08-847-844A-94

Query Match      0.8%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2730
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 123
US-08-950-196-19
; Sequence 19, Application US/08950196
; Patent No. 6271369
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MAITRA
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; TITLE OF INVENTION: OF RNA
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/950,196
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,449
; FILING DATE:
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Pedrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.001QPC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; FEATURE:
; NAME/KEY: miscellaneous feature
; LOCATION: 1-4
; OTHER INFORMATION: A is linked by 2',5'-linkage
; FEATURE:
; NAME/KEY: miscellaneous feature
; LOCATION: 4
; OTHER INFORMATION: A is linked at 2' end to following
; OTHER INFORMATION: base through a linker moiety

US-08-950-196-19
Query Match      0.8%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2730
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 124
US-09-720-201A-25
; Sequence 25, Application US/09720201A
; Patent No. 6524853
; GENERAL INFORMATION:
; APPLICANT: KOHARA, MICHINORI
; APPLICANT: KOHARA, KYOKO
; APPLICANT: TAIRA, KAZUNARI
; APPLICANT: MATSUZAKI, JUNICHI
; APPLICANT: OHMORI, HIROSHI
; TITLE OF INVENTION: A VECTOR EXPRESSING AN RNA VIRAL FULL-LENGTH GENE AND
; TITLE OF INVENTION: ITS USE
; FILE REFERENCE: 04853.0051-00000
; CURRENT APPLICATION NUMBER: US/09/720,201A
; CURRENT FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: JP 98/177,820
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: PCT/JP99/03381
; PRIOR FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Poly A
; OTHER INFORMATION: nucleotide sequence
US-09-720-201A-25

Query Match      0.8%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2730
Db 1 AAAAAAAAAAAAAAAAAAAAAA 22

RESULT 125
US-10-335-573-6/C
; Sequence 6, Application US/10335573
; Patent No. 6977153
; GENERAL INFORMATION:
; APPLICANT: Kumar, Gyanendra
; APPLICANT: Abarzua, Patricia
; TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF RNA
; FILE REFERENCE: 13172.0021U1
; CURRENT APPLICATION NUMBER: US/10/335,573
; CURRENT FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6977153e =
; OTHER INFORMATION: synthetic construct
US-10-335-573-6

Query Match      0.8%; Score 22; DB 1; Length 22;
```

Tue Nov 7 10:41:33 2006

```
Best Local Similarity 100.0%; Pred. No. 1.1e+02; Indels 0; Gaps 0;
Matches 22; Conservative 0; Mismatches 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2730
Db 22 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 126
US-09-426-548-126
; Sequence 126, Application US/09426548
; Patent No. 7022472
; GENERAL INFORMATION:
; APPLICANT: Robbins, David
; APPLICANT: Lin-Goerke, Julli L.
; APPLICANT: Ling, Jessica
; TITLE OF INVENTION: No. 7022472el Mutations in Human MLH1 and MSH2 Genes Useful in
; TITLE OF INVENTION: Diagnosing Colorectal Cancer
; FILE REFERENCE: DEX-0054
; CURRENT APPLICATION NUMBER: US/09/426,548
; CURRENT FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 126
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-426-548-126

Query Match 0.8%; Score 22; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 1.1e+02; Indels 0; Gaps 0;
Matches 22; Conservative 0; Mismatches 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2729
Db 2 TAAAAAAAAAAAAAAAAAAAAA 23

RESULT 127
US-09-164-249B-6
; Sequence 6, Application US/09164249B
; Patent No. 6322971
; GENERAL INFORMATION:
; APPLICANT: Chetverin, Alexander B.
; APPLICANT: Kramer, Fred Russel
; TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
; TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
; FILE REFERENCE: 07763-004003
; CURRENT APPLICATION NUMBER: US/09/164,249B
; CURRENT FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: US 08/473,010
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/247,530
; PRIOR FILING DATE: 1994-05-23
; PRIOR APPLICATION NUMBER: US 07/838,607
; PRIOR FILING DATE: 1992-02-19
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically derived DNA
US-09-164-249B-6

Query Match 0.8%; Score 22; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.2e+02; Indels 0; Gaps 0;
Matches 22; Conservative 0; Mismatches 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2729
Db 3 TAAAAAAAAAAAAAAAAAAAAA 24
```

```
RESULT 128
US-09-396-196G-123069
; Sequence 123069, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 123069
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-123069

Query Match 0.8%; Score 21.8; DB 1; Length 25;
Best Local Similarity 92.0%; Pred. No. 1.3e+02; Indels 0; Gaps 0;
Matches 23; Conservative 0; Mismatches 2;

Qy 2102 CTGCAGCAGCACTTCAGGACCTGG 2126
Db 1 CTGCAGCAGCACTTCGCAACCTGG 25

RESULT 129
US-09-396-196G-123070
; Sequence 123070, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 123070
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-123070

Query Match 0.8%; Score 21.8; DB 1; Length 25;
Best Local Similarity 92.0%; Pred. No. 1.3e+02; Indels 0; Gaps 0;
Matches 23; Conservative 0; Mismatches 2;

Qy 2105 CAGCAGCACTTCAGGAACTGGAGG 2129
Db 1 CAGCAGCACTTCGCAACCTGGAGG 25

RESULT 130
US-10-002-536A-5/c
; Sequence 5, Application US/10002536A
; Patent No. 6955876
; GENERAL INFORMATION:
; APPLICANT: Kane, Michael D.
; APPLICANT: Nagel, Aaron C.
```

```
; APPLICANT: Dombkowski, Alan A.
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
; FILE OF INVENTION: (nrnas) IN EUKARYOTIC ORGANISMS
; FILE REFERENCE: 65446-87
; CURRENT APPLICATION NUMBER: US/10/002,536A
; CURRENT FILING DATE: 2003-02-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: This is a synthesized sequence.
US-10-002-536A-5

Query Match      0.8%; Score 21.8; DB 1; Length 25;
Best Local Similarity 92.0%; Pred. No. 1.3e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAACCAAAAAAAAAAAAAAAAAAA 1

RESULT 131
US-09-721-154-2/c
; Sequence 2, Application US/09721154
; Patent No. 6651008
; GENERAL INFORMATION:
; APPLICANT: Vaisberg, Eugeni
; APPLICANT: Adams, Cynthia
; APPLICANT: Sabry, James
; APPLICANT: Crompton, Anne
; TITLE OF INVENTION: Database system including computer code
; FILE REFERENCE: Cytop007C2
; CURRENT APPLICATION NUMBER: US/09/721,154
; CURRENT FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: 09/311,996
; FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Psuedo-sequence
US-09-721-154-2

Query Match      0.8%; Score 21.4; DB 1; Length 24;
Best Local Similarity 95.7%; Pred. No. 1.4e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2731
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 132
US-09-721-154-6/c
; Sequence 6, Application US/09721154
; Patent No. 6651008
; GENERAL INFORMATION:
; APPLICANT: Vaisberg, Eugeni
; APPLICANT: Adams, Cynthia
; APPLICANT: Sabry, James
; APPLICANT: Crompton, Anne
; TITLE OF INVENTION: Database system including computer code
; FILE REFERENCE: Cytop007C2
; CURRENT APPLICATION NUMBER: US/09/721,154
```

```
; CURRENT FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: 09/311,996
; FILING DATE: 1999-05-14
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Psuedo-sequence
US-09-721-154-6

Query Match      0.8%; Score 21.4; DB 1; Length 24;
Best Local Similarity 95.7%; Pred. No. 1.4e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2731
Db 24 AAAAAAAAAAAAAAAAAAAAAA 2

RESULT 133
US-10-002-536A-2/c
; Sequence 2, Application US/10002536A
; Patent No. 6955876
; GENERAL INFORMATION:
; APPLICANT: Kane, Michael D.
; APPLICANT: Nagel, Aaron C.
; APPLICANT: Dombkowski, Alan A.
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
; FILE REFERENCE: 65446-87
; CURRENT APPLICATION NUMBER: US/10/002,536A
; CURRENT FILING DATE: 2003-02-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: This is a synthesized sequence.
; NAME/KEY: misc feature
; LOCATION: (23)-(25)
; OTHER INFORMATION: n may be selected from a or c or g or t.
US-10-002-536A-2

Query Match      0.8%; Score 21.2; DB 1; Length 25;
Best Local Similarity 95.5%; Pred. No. 1.5e+02;
Matches 21; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2729
Db 22 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 134
US-08-455-896-13/c
; Sequence 13, Application US/08455896
; Patent No. 5668267
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK A.
; APPLICANT: FLEMING, TIMOTHY P.
; TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
; TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MISSOURI
```

```

; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
;
US-08-933-149-13
;
Query Match          0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels

QY      2709 AAAAAAAAAAAAAAAAAAAAAA 2729
      |||||||
Db       21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 136
US-09-082-343-13/c
; Sequence 13, Application US/09082343
; Patent No. 5968754
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK A.
; APPLICANT: FLEMING, TIMOTHY P.
; TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
; TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MISSOURI
; COUNTRY: USA
; ZIP: 63105-1817
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/082.343
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/455,896
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: HOLLAND, DONALD R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 952726
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (314) 727-5188
; TELEFAX: (314) 727-6092
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
;
US-09-082-343-13
;
Query Match          0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels

QY      2709 AAAAAAAAAAAAAAAAAAAAAA 2729
      |||||||
Db       21 AAAAAAAAAAAAAAAAAAAAAA 1

```


iss.res

Tue Nov 7 10:41:33 2006

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; ANTI-SENSE: NO
US-08-416-214A-12

Query Match          0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
   |||||
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 140
US-09-282-253-13/c
; Sequence 13, Application US/09082253
; Patent No. 6004756
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK A.
; APPLICANT: FLEMING, TIMOTHY P.
; TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
; TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ROGERS, HOWELL & HAFERKAMP
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MISSOURI
; COUNTRY: USA
; ZIP: 63105-1817
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/082,253
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/455,896
; FILING DATE: 05/31/1995
; ATTORNEY/AGENT INFORMATION:
; NAME: HOLLAND, DONALD R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 952726
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (314) 727-5188
; TELEFAX: (314) 727-6092
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-082-253-13

Query Match          0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
   |||||
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 141
US-09-680-420A-4/c
; Sequence 4, Application US/09680420A
; Patent No. 6528262
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK S.; FLEMING, TIMOTHY P.
; TITLE OF INVENTION: MAMMAGLOBIN, A SECRETED
; MAMMARY SPECIFIC BREAST CANCER PROTEIN
```

```
; APPLICANT: GILAD, Shlomit
; APPLICANT: EINAT, Paz
; APPLICANT: GROSMAN, Avital
; TITLE OF INVENTION: METHOD FOR ENRICHMENT OF NATURAL ANTISENSE MESSENGER RNA
; FILE REFERENCE: GILAD=2A
; CURRENT APPLICATION NUMBER: US/09/680,420A
; CURRENT FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: 60/157,843
; PRIOR FILING DATE: 1999-10-06
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primers
US-09-680-420A-4

Query Match          0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2690 AGAGCCCTAAGTTTGTAATA 2710
   |||||
Db 21 AGAGCCCTAAGTTTGTAATA 1

RESULT 142
US-09-162-622-13/c
; Sequence 13, Application US/09162622
; Patent No. 6566072
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK A
; APPLICANT: FLEMING, TIMOTHY P
; TITLE OF INVENTION: Mammaglobin, A Secreted Mammary-Specific Breast Cancer
; TITLE OF INVENTION: Protein
; FILE REFERENCE: 6029-5134
; CURRENT APPLICATION NUMBER: US/09/162,622
; CURRENT FILING DATE: 1998-09-29
; EARLIER APPLICATION NUMBER: 08/933,149
; EARLIER FILING DATE: 1997-09-18
; EARLIER APPLICATION NUMBER: PCT/US96/08235
; EARLIER FILING DATE: 1996-05-31
; EARLIER APPLICATION NUMBER: 08/455,896
; EARLIER FILING DATE: 1995-05-31
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-162-622-13

Query Match          0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
   |||||
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 143
US-09-509-015-13/c
; Sequence 13, Application US/09509015
; Patent No. 6677428
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK S.; FLEMING, TIMOTHY P.
; TITLE OF INVENTION: MAMMAGLOBIN, A SECRETED
; MAMMARY SPECIFIC BREAST CANCER PROTEIN
```

```
/
/
/ NUMBER OF SEQUENCES: 14
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: HOWELL & HAERKAMP, L.C.
/ STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
/ CITY: ST. LOUIS
/ STATE: MISSOURI
/ COUNTRY: USA
/ ZIP: 63105-1817
/
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: PatentIn Release #1.0, Version #1.25
/
/ CURRENT APPLICATION DATA: US/09/509,015
/ FILING DATE: 30-May-2000
/ CLASSIFICATION: <Unknown>
/
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/US98/17991
/ FILING DATE: 1998-09-18
/ APPLICATION NUMBER: 08/933,149
/ FILING DATE: 1997-09-18
/
/ ATTORNEY/AGENT INFORMATION:
/ NAME: KASTEN, DANIEL S.
/ REGISTRATION NUMBER: 45,363
/ REFERENCE/DOCKET NUMBER: 6029-3654
/
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (314) 727-5188
/ TELEFAX: (314) 727-6092
/
/ INFORMATION FOR SEQ ID NO: 13:
/
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/
/ MOLECULE TYPE: cDNA to mRNA
/
/ HYPOTHEetical: NO
/
/ ANTI-SENSE: NO
/
/ SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-509-015-13

Query Match 0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 144
US-09-859-736-6/c
; Sequence 6, Application US/09859736
; Patent No. 6838244
; GENERAL INFORMATION:
; APPLICANT: LI, WAN-LIANG ROBERT
; APPLICANT: ZHOU, JIAN S.
; TITLE OF INVENTION: FLUORESCENT OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 16517.248
; CURRENT APPLICATION NUMBER: US/09/859,736
; CURRENT FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,452
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;
; TELECOMMUNICATION INFORMATION:
US-09-859-736-6
```

```
Query Match 0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 145
US-09-833-031A-4/c
; Sequence 4, Application US/09833031A
; Patent No. 6986988
; GENERAL INFORMATION:
; APPLICANT: GILAD, Shlomit
; APPLICANT: EINAT, Paz
; APPLICANT: GROSZMAN, Avital
; TITLE OF INVENTION: METHOD FOR ENRICHMENT OF NATURAL ANTISENSE MESSENGER RNA
; FILE REFERENCE: GILAD-2B
; CURRENT APPLICATION NUMBER: US/09/833,031A
; CURRENT FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 09/680,420
; PRIOR FILING DATE: 2000-10-06
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-09-833-031A-4

Query Match 0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2690 AGAGCCCTAAGTTGTACTAA 2710
Db 21 AGAGCCCTAAGTTGTACTAA 1

RESULT 146
PCT-US96-08235-13/c
; Sequence 13, Application PC/TUS9608235
; GENERAL INFORMATION:
; APPLICANT: WATSON, MARK A.
; APPLICANT: FLEMING, TIMOTHY P.
; TITLE OF INVENTION: DNA SEQUENCE AND ENCODED
; TITLE OF INVENTION: MAMMARY-SPECIFIC BREAST CANCER PROTEIN
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ROGERS, HOWELL & HAERKAMP
; STREET: 7733 FORSYTH BOULEVARD, SUITE 1400
; CITY: ST. LOUIS
; STATE: MISSOURI
; COUNTRY: USA
; ZIP: 63105-1817
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/08235
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: HOLLAND, DONALD R.
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 964796
; TELECOMMUNICATION INFORMATION:
```

```
;
; TELEPHONE: (314) 727-5188
; TELEFAX: (314) 727-6092
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
PCT-US96-08235-13

Query Match 0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 147
US-10-002-536A-3/c
; Sequence 3, Application US/10002536A
; Patent No. 6955876
; GENERAL INFORMATION:
; APPLICANT: Kane, Michael D.
; APPLICANT: Nagel, Aaron C.
; APPLICANT: Dombkowski, Alan A.
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
; FILE OF INVENTION: (mRNAs) IN EUKARYOTIC ORGANISMS
; FILE REFERENCE: 65446-87
; CURRENT APPLICATION NUMBER: US/10/002,536A
; CURRENT FILING DATE: 2003-02-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 3
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: This is a synthesized sequence.
US-10-002-536A-3

Query Match 0.8%; Score 21; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
Db 21 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 148
US-10-002-536A-4
; Sequence 4, Application US/10002536A
; Patent No. 6955876
; GENERAL INFORMATION:
; APPLICANT: Kane, Michael D.
; APPLICANT: Nagel, Aaron C.
; APPLICANT: Dombkowski, Alan A.
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
; FILE OF INVENTION: (mRNAs) IN EUKARYOTIC ORGANISMS
; FILE REFERENCE: 65446-87
; CURRENT APPLICATION NUMBER: US/10/002,536A
; CURRENT FILING DATE: 2003-02-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
;
; FEATURE:
; OTHER INFORMATION: This is a synthesized sequence.
US-10-002-536A-4

Query Match 0.8%; Score 21; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
Db 4 TAAAAAAAAAAAAAAAAAAAAA 24

RESULT 149
US-09-853-646A-3
; Sequence 3, Application US/09853646A
; Patent No. 6825038
; GENERAL INFORMATION:
; APPLICANT: Nicolaides, Nicholas
; APPLICANT: Sass, Philip
; APPLICANT: Grasso, Luigi
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: A METHOD FOR GENERATING HYPERMUTABLE
; FILE OF INVENTION: ORGANISMS
; FILE REFERENCE: 01107.00138
; CURRENT APPLICATION NUMBER: US/09/853,646A
; CURRENT FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 60/204,769
; PRIOR FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Recombinant DNA
US-09-853-646A-3

Query Match 0.8%; Score 21; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
Db 6 AAAAAAAAAAAAAAAAAAAAAA 26

RESULT 150
US-09-396-196G-123056
; Sequence 123056, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 123056
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-123056

Query Match 0.7%; Score 20.2; DB 1; Length 25;
```

```
0: Gaps 0;
```

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CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM compatible
OPERATING SYSTEM: WINDOWS (VERSION 3.0)
SOFTWARE: Wordperfect (Version 6.0)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/725,976
FILING DATE: October 4, 1996
CLASSIFICATION: 422
PRIORITY APPLICATION DATA:
PRIOR APPLICATION DATA: including applica

```

;; PRIOR APPLICATION DATA: described below:
;; APPLICATION NUMBER: 08/146,504
;; FILING DATE: No. 5929208ember 1, 1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Murphy, David B.
;; REGISTRATION NUMBER: 31,125
;; REFERENCE/DOCKET NUMBER: 222/211
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEFAX: 67-3510
;; INFORMATION FOR SEQ ID NO: 16:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-725-976-16

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 154
US-08-997-080-83
; Sequence 83, Application US/08997080
; Patent No. 5968524
; GENERAL INFORMATION:
; APPLICANT: WATSON, JAMES D.
; TITLE OF INVENTION: METHODS AND COMPOUNDS FOR THE TREATMENT OF IMMUNOLOGICALLY-
; CORRESPONDENCE ADDRESSES:
; ADDRESS: Law Offices of Ann W. Speckman
; STREET: 2601 Elliott Avenue, Suite 4185
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/997,080
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Sleath, Janet
; REGISTRATION NUMBER: 37,007
; REFERENCE/DOCKET NUMBER: 11000.1007
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-269-0565
; TELEFAX: 206-269-0563
; TELEX:
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; US-08-997-080-83

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 155
US-08-997-362-83
; Sequence 83, Application US/08997362
; Patent No. 5985287
; GENERAL INFORMATION:
; APPLICANT: Tan, Paul
; APPLICANT: Hiyama, Jun
; APPLICANT: Visser, Elizabeth
; APPLICANT: Skinner, Margot
; APPLICANT: Scott, Linda
; APPLICANT: Prestidge, Ross
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
; NUMBER OF SEQUENCES: 194
; CORRESPONDENCE ADDRESSES:
; ADDRESS: Law Offices of Ann W. Speckman
; STREET: 2601 Elliott Avenue, Suite 4185
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/997,362
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/873,970
; FILING DATE: June 12, 1997
; APPLICATION NUMBER: U.S. Patent Application No. 5985287 08/705,347
; FILING DATE: August 29, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sleath, Janet
; REGISTRATION NUMBER: 37,007
; REFERENCE/DOCKET NUMBER: 11000.1002c2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-269-0565
; TELEFAX: 206-269-0563
; TELEX:
; INFORMATION FOR SEQ ID NO: 83:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
; US-08-997-362-83

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 156
US-08-965-780-1/c
; Sequence 1, Application US/08965780

Patent No. 5986084
GENERAL INFORMATION:
APPLICANT: Pitsch, Stefan
APPLICANT: Weiss, Patrick A.
APPLICANT: Jenny, Luzi
TITLE OF INVENTION: RIBONUCLEOSIDE-DERIVATIVE AND METHOD FOR
PREPARING THE SAME
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: KUBOVCIK & KUBOVCIK
STREET: 900 17th Street, N.W., Suite 990
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20006
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/965,780
FILING DATE: 07-NOV-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 01931/97
FILING DATE: 18-AUG-1997
ATTORNEY/AGENT INFORMATION:
NAME: Kubovcik, Ronald J.
REGISTRATION NUMBER: 25,401
REFERENCE/DOCKET NUMBER: FREI-002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-887-9023
TELEFAX: 202-887-9093
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligoribonucleotide"
US-08-965-780-1
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
RESULT 157
US-08-873-970-83
Sequence 83, Application US/08873970
Patent No. 6001361
GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Hiyama, Jun
APPLICANT: Visser, Elizabeth
APPLICANT: Skinner, Margot
APPLICANT: Scott, Linda
APPLICANT: Prestidge, Ross
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR
TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
NUMBER OF SEQUENCES: 106
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA

ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/873,970
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/705,347
FILING DATE: 29-AUG-1996
ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other
US-08-873-970-83
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
RESULT 158
US-08-765-340-96/C
Sequence 96, Application US/08765340
Patent No. 6150092
GENERAL INFORMATION:
APPLICANT: UCHIDA, K.,
APPLICANT: UCHIDA, T.,
APPLICANT: TANAKA, Y.,
APPLICANT: MATSUDA, Y.,
APPLICANT: KONDO, S.
TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
COMPOUND
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
#1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 145146/94
FILING DATE: 27-JUN-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 311130/94

Tue Nov 7 10:41:33 2006

```
;
; FILING DATE: 21-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: SERUNIAN, LESLIE
; REGISTRATION NUMBER: 35,353
; REFERENCE/DOCKET NUMBER: 1452-4005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 751-8849
; TELEFAX: (212) 751-8849
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-96

Query Match 0.7% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 159
US-09-095-855-83
Sequence 83, Application US/09095855
Patent No. 6160093
GENERAL INFORMATION:
APPLICANT: Tan, Paul
APPLICANT: Visser, Elizabeth
APPLICANT: Skinner, Margot
APPLICANT: Prestidge, Ross
TITLE OF INVENTION: Compounds and Methods for
TREATMENT AND DIAGNOSIS OF MYCOBACTERIAL INFECTIONS
NUMBER OF SEQUENCES: 208
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Law Offices of Ann W. Speckman
STREET: 2601 Elliott Avenue, Suite 4185
CITY: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98121
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/095,855
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/705,347
FILING DATE: 29-AUG-1996
APPLICATION NUMBER: 08/873,970
FILING DATE: 12-JUN-1997
APPLICATION NUMBER: 08/997,362
FILING DATE: 23-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Sleath, Janet
REGISTRATION NUMBER: 37,007
REFERENCE/DOCKET NUMBER: 11000.1002c3
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-269-0565
TELEFAX: 206-269-0563
TELEX:
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
US-09-095-855-83

Query Match 0.7% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 160
US-09-407-675-1
Sequence 1, Application US/09407675
Patent No. 6169176
GENERAL INFORMATION:
APPLICANT: Bruice, Thomas C.
APPLICANT: Ayva, Dev P.
TITLE OF INVENTION: DEOXYNUCLEIC ALKYL THIUREA COMPOUNDS AND USES THEREOF
FILE REFERENCE: 30448.85US02
CURRENT APPLICATION NUMBER: US/09/407,675
CURRENT FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: 09/347,443
PRIOR FILING DATE: 1999-07-02
PRIOR APPLICATION NUMBER: 60/091,481
PRIOR FILING DATE: 1998-07-02
PRIOR APPLICATION NUMBER: 60/111,800
PRIOR FILING DATE: 1998-12-11
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Oligo 1
US-09-407-675-1

Query Match 0.7% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 161
US-08-482-918-33/c
Sequence 33, Application US/08482918
Patent No. 6207417
GENERAL INFORMATION:
APPLICANT: Zsebo, Krisztina M.
APPLICANT: Bosselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Marshall, O'Toole, Garstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other
US-09-095-855-83
```



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; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,918
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/33005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-08-482-918-33

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAATAAAAAAAAAAAAAA 2726
DB 20 CTAATAAAAAAAAAAAAAA 1

RESULT 162
US-09-224-681-33/c
; Sequence 33, Application US/09224681
; Patent No. 6207454
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Kristina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
; TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/224,681
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
```

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/35199
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX:
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-224-681-33

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAATAAAAAAAAAAAAAA 2726
DB 20 CTAATAAAAAAAAAAAAAA 1

RESULT 163
US-08-336-728A-33/c
; Sequence 33, Application US/08336728A
; Patent No. 6207802
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Kristina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/336,728A
; FILING DATE: 09-NOV-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
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Tue Nov 7 10:41:33 2006

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; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/32956
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-336-728A-33
;
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAACAAAAA 2726
Db 20 CTAACAAAAA 1

RESULT 164
US-09-250-075-1/c
; Sequence 1, Application US/09250075
; Patent No. 6207819
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of
; TITLE OF INVENTION: Mixed Backbone Oligomeric Compounds
; FILE REFERENCE: ISIS3299
; CURRENT APPLICATION NUMBER: US/09/250,075
; CURRENT FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6207819el
; OTHER INFORMATION: Sequence
US-09-250-075-1
;
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA 2728
Db 20 AAAAAA 1

RESULT 165
US-09-173-936B-14/c
; Sequence 14, Application US/09173936B
; Patent No. 6238865
; GENERAL INFORMATION:
; APPLICANT: Zhen, Huang; Szostak, Jack W.
; TITLE OF INVENTION: A Simple and Efficient Method to Label and Modify 3'-
; Terminal
;

```

```

; of RNA Using DNA Polymerase and a Synthetic Template with L
; Nucleotides
;
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cohen,Pontani,Lieberman & Pavane
; STREET: 551 Fifth Avenue
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10176
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.50 inch Diskette
; COMPUTER: IBM-MS
; OPERATING SYSTEM: Window 95
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/173,936B
; FILING DATE: 16-Oct-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/063,757
; FILING DATE: 17-OCT-1997
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-09-173-936B-14
;
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA 2728
Db 20 AAAAAA 1

RESULT 166
US-09-454-704A-13
; Sequence 13, Application US/09454704A
; Patent No. 6274321
; GENERAL INFORMATION:
; APPLICANT: Blumberg, Bruce
; TITLE OF INVENTION: High Throughput Functional Screening of
; TITLE OF INVENTION: CDNA
; FILE REFERENCE: P-UC 3662
; CURRENT APPLICATION NUMBER: US/09/454,704A
; CURRENT FILING DATE: 1999-12-03
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: cDNA
US-09-454-704A-13
;
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA 2728
Db 1 AAAAAA 20

RESULT 167
US-09-324-542-83
;

```

```
; Sequence 83, Application US/09324542
; Patent No. 6328978
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L.J.
; APPLICANT: Prestidge, Ross
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; FILE OF INVENTION: Of Immunologically-Mediated Skin Disorders
; FILE REFERENCE: 11000.1007c1
; CURRENT APPLICATION NUMBER: US/09/324,542
; CURRENT FILING DATE: 1999-06-02
; EARLIER APPLICATION NUMBER: US 08/997,080
; EARLIER FILING DATE: 1997-12-23
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-324-542-83
```

```
Query Match 0.7% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
| | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 168
US-09-205-426-83
; Sequence 83, Application US/09205426
; Patent No. 6406704
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L. J.
; TITLE OF INVENTION: Compounds and Methods for Treatment and
; FILE OF INVENTION: Diagnosis of Mycobacterial Infections
; FILE REFERENCE: 11000.1002c4
; CURRENT APPLICATION NUMBER: US/09/205,426
; CURRENT FILING DATE: 1998-12-04
; EARLIER APPLICATION NUMBER: 09/095,855
; EARLIER FILING DATE: 1998-06-11
; EARLIER APPLICATION NUMBER: 08/997,362
; EARLIER FILING DATE: 1997-12-23
; EARLIER APPLICATION NUMBER: 08/873,970
; EARLIER FILING DATE: 1997-06-12
; EARLIER APPLICATION NUMBER: 08/705,347
; EARLIER FILING DATE: 1996-08-29
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-205-426-83
```

```
Query Match 0.7% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
| | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 169
US-09-619-103-26
```

```
; Sequence 26, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-26
```

```
Query Match 0.7% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
| | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 170
US-09-726-096A-1/C
; Sequence 1, Application US/09726096A
; Patent No. 6462184
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Bac
; FILE OF INVENTION: Oligomeric Compounds
; FILE REFERENCE: ISIS4528
; CURRENT APPLICATION NUMBER: US/09/726,096A
; CURRENT FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE)
US-09-726-096A-1
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Query Match 0.7% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
| | | | | | | | | | | | | | | |
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 171
US-09-603-830-55
; Sequence 55, Application US/09603830
; Patent No. 6506564
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
```

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Tue Nov 7 10:41:33 2006

```

; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 4149-1-1-1-1
; CURRENT APPLICATION NUMBER: US/09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
;
US-09-603-830-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 172
US-09-680-420A-5
; Sequence 5, Application US/09680420A
; Patent No. 6528262
; GENERAL INFORMATION:
; APPLICANT: EINAT, Faz
; APPLICANT: GILAD, Shlomit
; APPLICANT: GROSMAN, Avital
; TITLE OF INVENTION: METHOD FOR ENRICHMENT OF NATURAL ANTISENSE MESSENGER RNA
; FILE REFERENCE: GILAD-2A
; CURRENT APPLICATION NUMBER: US/09/680,420A
; CURRENT FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: 60/157,843
; PRIOR FILING DATE: 1999-10-06
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primers
;
US-09-680-420A-5

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2010 TCATGGCAACTCCAGCAG 2029
DB 1 TCATGGCAACTCCAGCAG 20

RESULT 173
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US-09-976-978A-55
; Sequence 55, Application US/09976978A
; Patent No. 6532097
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,978A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
;
US-09-976-978A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 174
US-09-344-260A-10/c
; Sequence 10, Application US/09344260A
; Patent No. 6576752
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Lomberg, Harri
; APPLICANT: Salo, Harri
; APPLICANT: Virta, Pasi
; TITLE OF INVENTION: Aminoxy Functionalized Oligomers
; FILE REFERENCE: ISIS-3508
; CURRENT APPLICATION NUMBER: US/09/344,260A
; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: misc feature
; NAME/KEY: No. 6576752el Sequence
; OTHER INFORMATION: No. 6576752el Sequence
;
US-09-344-260A-10
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Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 175
US-09-961-949A-55
; Sequence 55, Application US/09961949A
; Patent No. 6582921
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-11
; CURRENT APPLICATION NUMBER: US/09/961,949A
; CURRENT FILING DATE: 2001-09-20
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-961-949A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 176
US-09-966-491A-55
; Sequence 55, Application US/09966491A
; Patent No. 6610491
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-i4
; CURRENT APPLICATION NUMBER: US/09/966,491A
; CURRENT FILING DATE: 2002-03-12
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; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-491A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 177
US-09-957-313A-55
; Sequence 55, Application US/09957313A
; Patent No. 6645721
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-i3
; CURRENT APPLICATION NUMBER: US/09/957,313A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-957-313A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 178
US-09-966-312-55
; Sequence 55, Application US/09966312
; Patent No. 6673548
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-312-55

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-09-966-312-55
; Sequence 55, Application US/09975062A
; Patent No. 6671122
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-111
; CURRENT APPLICATION NUMBER: US/09/975,062A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
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```
PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-062A-55

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 180
US-09-976-971A-55
; Sequence 55, Application US/09976971A
; Patent No. 6682895
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-118
; CURRENT APPLICATION NUMBER: US/09/976,971A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-971A-55

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 184
US-09-976-617A-55
; Sequence 55, Application US/09976617A
; Patent No. 6730269
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-i24
; CURRENT APPLICATION NUMBER: US/09/976,617A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; TYPE: DNA
; LENGTH: 20
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-617A-55

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 186
US-09-820-279D-55
; Sequence 55, Application US/09820279D
; Patent No. 6750016
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1085-A
; CURRENT APPLICATION NUMBER: US/09/820,279D
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 185
US-09-967-409A-55
; Sequence 55, Application US/09967409A
; Patent No. 6740491
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-i6
; CURRENT APPLICATION NUMBER: US/09/967,409A
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
```



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RESULT 189
US-09-635-251-33/c
; Sequence 33, Application US/09635251
; Patent No. 6759215
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; Bosseلمان, Robert A.
; Suggs, Sidney V.
; Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatenIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/635,251

```



```
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-121
; CURRENT APPLICATION NUMBER: US/09/976,618A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-618A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 193
US-09-976-618A-55
; Sequence 55, Application US/09976968A
; Patent No. 6818753
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
```

```
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-968A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 194
US-10-234-764-10/c
; Sequence 10, Application US/10234764
; Patent No. 6825331
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Lonnberg, Harri
; APPLICANT: Salo, Harri
; APPLICANT: Virta, Pasi
; TITLE OF INVENTION: Aminoxy Functionalized Oligomers
; FILE REFERENCE: ISIS5089
; CURRENT APPLICATION NUMBER: US/10/234,764
; CURRENT FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 09/344,260
; PRIOR FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-234-764-10

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 195
US-09-975-059A-55
; Sequence 55, Application US/09975059A
; Patent No. 6828432
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-115
; CURRENT APPLICATION NUMBER: US/09/975,059A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
```

iss.res

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; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
;
US-09-975-059A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 196
US-09-859-736-3/c
; Sequence 3, Application US/09859736
; Patent No. 6838244
; GENERAL INFORMATION:
; APPLICANT: LI, WAN-LIANG ROBERT
; APPLICANT: ZHOU, JIAN S.
; TITLE OF INVENTION: FLUORESCENT OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 16517.248
; CURRENT APPLICATION NUMBER: US/09/859,736
; CURRENT FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,452
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: CAT1 oligonucleotide
;
US-09-859-736-3

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 197
US-09-859-736-4/c
; Sequence 4, Application US/09859736
; Patent No. 6838244
; GENERAL INFORMATION:
; APPLICANT: LI, WAN-LIANG ROBERT
; APPLICANT: ZHOU, JIAN S.
; TITLE OF INVENTION: FLUORESCENT OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 16517.248
; CURRENT APPLICATION NUMBER: US/09/859,736
;
US-09-859-736-4/c
; Sequence 3, Application US/09224683
; Patent No. 6841147
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; APPLICANT: Bosseiman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor: Composition Claims
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/224,683
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/35136
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-224-683-33

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2707 CTAAGAAAAA 2726
Db 20 CTAAGAAAAA 1

RESULT 199
US-09-604-325A-33/c
; Sequence 33, Application US/09604325A
; Patent No. 6852313
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Kristina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/604,325A
; FILING DATE: 17-Jun-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/32953
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 33:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-604-325A-33

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2707 CTAAGAAAAA 2726
Db 20 CTAAGAAAAA 1

RESULT 200
US-09-724-857-36/c
; Sequence 36, Application US/09724857
; Patent No. 6855866
; GENERAL INFORMATION:
; APPLICANT: Weterings, Koen
; APPLICANT: Apuya, Nestor R.
; APPLICANT: Tatarinova, Tatiana
; APPLICANT: Goldberg, Robert B.
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription
; FILE REFERENCE: 023070-114700US
; CURRENT APPLICATION NUMBER: US/09/724,857
; CURRENT FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; TYPE: DNA
; LENGTH: 20
; FEATURE:
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence:oligo(dT-20)
; OTHER INFORMATION: primer
; US-09-724-857-36

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAA 2728
Db 20 AAAAAA 1

RESULT 201
US-09-975-498-55
; Sequence 55, Application US/09975498
; Patent No. 6861221
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-114
; CURRENT APPLICATION NUMBER: US/09/975,498
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
```

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```

; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-498-55

```

```

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

```

```

RESULT 202
US-09-973-638A-55
; Sequence 55, Application US/09973638A
; Patent No. 6878814
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-19
; CURRENT APPLICATION NUMBER: US/09/973,638A
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-973-638A-55

```

```

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

```

```

RESULT 203
US-09-976-900A-55
; Sequence 55, Application US/09976900A
; Patent No. 6902895
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-123
; CURRENT APPLICATION NUMBER: US/09/976,900A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-900A-55

```

```

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

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QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

```

```

RESULT 204
US-10-278-047-1/c
; Sequence 1, Application US/10278047
; Patent No. 6902900
; GENERAL INFORMATION:
; APPLICANT: Davies, Martin
; APPLICANT: Bruce, Ian
; APPLICANT: Wolter, Andreas
; TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHODS TO DETECT AND/OR QUANTIFY NUCLEI
; TITLE OF INVENTION: ACID ANALYTES
; FILE REFERENCE: PRO 07
; CURRENT APPLICATION NUMBER: US/10/278,047
; CURRENT FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: 60/336,432
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Nucleic Acid Probe

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[illegible]

```

US-09-976-378A-55
APPLICATION NUMBER: 07/684,535
FILING DATE: 10-APR-1991
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32958A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-643-659B-33
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2707 CTAAGAAAAA 2726
DB 20 CTAAGAAAAA 1
RESULT 208
US-09-976-378A-55
; Sequence 55, Application US/09976378A
; Patent No. 696761
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-125
; CURRENT APPLICATION NUMBER: US/09/976,378A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/254,418
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; PRIOR FILING DATE: 2000-04-01
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random

```



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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-55
```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

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Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
      |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

RESULT 210

```
US-10-008-978-70
; Sequence 70, Application US/10008978
; Patent No. 698491
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
```

```
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
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; FILE REFERENCE: 00-1272-C
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; CURRENT APPLICATION NUMBER: US/10/008,978
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; PRIOR FILING DATE: 2002-05-20
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; PRIOR APPLICATION NUMBER: 09/927,777
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; PRIOR FILING DATE: 2001-08-10
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; PRIOR APPLICATION NUMBER: 09/820,279
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```
; PRIOR FILING DATE: 2001-03-28
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```
; PRIOR APPLICATION NUMBER: 09/760,500
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```
; PRIOR FILING DATE: 2001-01-12
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```
; PRIOR APPLICATION NUMBER: 09/603,830
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; PRIOR FILING DATE: 2000-06-26
```

```
; PRIOR APPLICATION NUMBER: 09/344,667
```

```
; PRIOR FILING DATE: 1999-06-25
```

```
; PRIOR APPLICATION NUMBER: 09/240,755
```

```
; PRIOR FILING DATE: 1999-01-29
```

```
; PRIOR APPLICATION NUMBER: PCT/US97/12783
```

```
; PRIOR FILING DATE: 1997-07-21
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```
; PRIOR APPLICATION NUMBER: 60/031,809
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```
; PRIOR FILING DATE: 1996-07-29
```

```
; PRIOR APPLICATION NUMBER: 60/176,409
```

```
; PRIOR FILING DATE: 2000-01-13
```

```
; PRIOR APPLICATION NUMBER: 60/192,699
```

```
; PRIOR FILING DATE: 2000-03-28
```

```
; PRIOR APPLICATION NUMBER: 60/200,161
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```
; PRIOR FILING DATE: 2000-04-26
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```
; PRIOR APPLICATION NUMBER: 60/213,906
```

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; PRIOR FILING DATE: 2000-06-26
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; PRIOR APPLICATION NUMBER: 60/224,631
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; PRIOR FILING DATE: 2000-08-11
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; PRIOR APPLICATION NUMBER: 60/254,392
```

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; PRIOR FILING DATE: 2000-12-08
```

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; PRIOR APPLICATION NUMBER: 60/254,418
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; PRIOR FILING DATE: 2000-12-08
```

```
; PRIOR APPLICATION NUMBER: 60/255,235
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; PRIOR FILING DATE: 2000-12-11
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; PRIOR APPLICATION NUMBER: 60/255,236
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; PRIOR FILING DATE: 2000-12-11
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; PRIOR APPLICATION NUMBER: 60/282,640
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; PRIOR FILING DATE: 2000-04-01
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```
; NUMBER OF SEQ ID NOS: 76
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; SOFTWARE: Microsoft Word 2000
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;
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; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-70
```

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Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
      |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
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RESULT 211

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US-09-833-031A-5
```

```
; Sequence 5, Application US/09833031A
```

```
; Patent No. 6986988
```

```
; GENERAL INFORMATION:
```

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; APPLICANT: GILAD, Shlomit
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; APPLICANT: EINAT, Paz
```

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; APPLICANT: GROSZMAN, Avital
```

```
; TITLE OF INVENTION: METHOD FOR ENRICHMENT OF NATURAL ANTISENSE MESSENGER RNA
```

```
; FILE REFERENCE: GILAD=2B
```

```
; CURRENT APPLICATION NUMBER: US/09/833,031A
```

```
; CURRENT FILING DATE: 2001-04-11
```

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; PRIOR APPLICATION NUMBER: 09/680,420
```

```
; PRIOR FILING DATE: 2000-10-06
```

```
; NUMBER OF SEQ ID NOS: 29
```

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; SOFTWARE: PatentIn version 3.1
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; SEQ ID NO 5
```

```
; LENGTH: 20
```

```
; TYPE: DNA
```

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; ORGANISM: Artificial Sequence
```

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; FEATURE:
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; OTHER INFORMATION: Synthetic oligonucleotide primer
```

```
US-09-833-031A-5
```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
```

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Best Local Similarity 100.0%; Pred.No. 1.6e+02;
```

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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2010 TCATGGCAACTCCAGACG 2029
      |||||
Db 1 TCATGGCAACTCCAGACG 20
```

RESULT 212

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US-09-976-863A-55
```

```
; Sequence 55, Application US/09976863A
```

```
; Patent No. 6986989
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Mirkin, Chad A.
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; APPLICANT: Letsinger, Robert L.
```

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; APPLICANT: Mucic, Robert C.
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; APPLICANT: Storhoff, James J.
```

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; APPLICANT: Elghanian, Robert
```

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; APPLICANT: Taton, Thomas A.
```

```
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
```

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; TITLE OF INVENTION: AND USES THEREFOR
```

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; FILE REFERENCE: 00-713-119
```

```
; CURRENT APPLICATION NUMBER: US/09/976,863A
```

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; CURRENT FILING DATE: 2001-10-12
```

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; PRIOR APPLICATION NUMBER: 09/603,830
```

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; PRIOR FILING DATE: 2000-06-26
```

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; PRIOR APPLICATION NUMBER: 09/344,667
```

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; PRIOR FILING DATE: 1999-06-25
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; PRIOR APPLICATION NUMBER: 09/240,755
```

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; PRIOR FILING DATE: 1999-01-29
```

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;
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PRIOR APPLICATION NUMBER: PCT/US97/12783
 PRIOR FILING DATE: 1997-07-21
 PRIOR APPLICATION NUMBER: 60/031,809
 PRIOR FILING DATE: 1996-07-29
 PRIOR APPLICATION NUMBER: 60/200,161
 PRIOR FILING DATE: 2000-04-26
 NUMBER OF SEQ ID NOS: 64
 SOFTWARE: Microsoft Word 2000
 SEQ ID NO 55
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: random
 OTHER INFORMATION: synthetic sequence
 US-09-976-863A-55

Query Match 0.7%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.6e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 213
 PCT-US93-07603-6
 Sequence 6, Application PC/TUS9307603
 GENERAL INFORMATION:
 APPLICANT:
 TITLE OF INVENTION: NUCLEIC ACID RECOGNITION AND TRANSPORT
 NUMBER OF SEQUENCES: 14
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
 STREET: 600 Atlantic Avenue
 CITY: Boston
 STATE: Massachusetts
 COUNTRY: United States of America
 ZIP: 02210
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/07603
 FILING DATE: 19930813
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/930,087
 FILING DATE: 14-AUG-1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Gates, Edward R.
 REGISTRATION NUMBER: 31,616
 REFERENCE/DOCKET NUMBER: M0636/7007WO
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-720-3500
 TELEFAX: 617-720-2441
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: Other nucleic acid
 DESCRIPTION: Synthetic RNA oligonucleotide.
 HYPOTHETICAL: NO
 ANTI-SENSE: NO
 PCT-US93-07603-6

Query Match 0.7%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 1.6e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
 QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 214
 US-08-146-504-2
 Sequence 2, Application US/08146504
 Patent No. 5605662

GENERAL INFORMATION:
 APPLICANT: Heller, Michael J.; and Tu, Eugene
 TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
 TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND DEVICES FOR
 TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS AND
 TITLE OF INVENTION: DIAGNOSTICS
 NUMBER OF SEQUENCES: 31
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 611 West Sixth Street
 CITY: Los Angeles
 STATE: California
 COUNTRY: USA
 ZIP: 90017
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 COMPUTER: IBM compatible
 OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
 SOFTWARE: WordPerfect (Version 5.1)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/146,504
 FILING DATE: No. 5605662ember.1, 1993
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 PRIOR APPLICATION DATA: including application
 PRIOR APPLICATION DATA: described below:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard J.
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 203/218
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 21
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-146-504-2

Query Match 0.7%; Score 20; DB 1; Length 21;
 Best Local Similarity 100.0%; Pred. No. 1.7e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 215
 US-08-725-976-2
 Sequence 2, Application US/08725976
 Patent No. 5929408

GENERAL INFORMATION:
 APPLICANT: Heller, Michael J.; and Tu, Eugene
 TITLE OF INVENTION: METHODS FOR ELECTRONIC SYNTHESIS OF POLYMERS
 NUMBER OF SEQUENCES: 31
 CORRESPONDENCE ADDRESS:

```
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM compatible
; OPERATING SYSTEM: WINDOWS (VERSION 3.0)
; SOFTWARE: WordPerfect (Version 6.0)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/725,976
; FILING DATE: October 4, 1996
; CLASSIFICATION: 422
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/146,504
; FILING DATE: No. 5929208ember 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 222/211
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEFAX: 67-3510
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-725-976-2

Query Match 0.7%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 216
US-08-271-882B-2
; Sequence 2, Application US/08271882B
; Patent No. 6017696
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; APPLICANT: Eugene Tu
; APPLICANT: Glen A. Evans
; APPLICANT: Ronald G. Sosnowski
; TITLE OF INVENTION: SELF-ADDRESSABLE
; TITLE OF INVENTION: SELF-ASSEMBLING
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
; TITLE OF INVENTION: DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
; TITLE OF INVENTION: AND DIAGNOSTICS
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
```

```
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271.882B
; FILING DATE: July 7, 1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,504
; FILING DATE: No. 6017696ember 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 207/263
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEFAX: 67-3510
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-271-882B-2

Query Match 0.7%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 217
US-08-726-278-2
; Sequence 2, Application US/08726278
; Patent No. 6238624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Tu, Eugene
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; TITLE OF INVENTION: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY/NANOGEN: 222-210
; CURRENT APPLICATION NUMBER: US/08/726,278
; CURRENT FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: 08/271.882
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; OTHER INFORMATION: Labeling
; US-08-726-278-2

Query Match 0.7%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 218
US-09-724-857-37/c
; Sequence 37, Application US/09724857
; Patent No. 6855866
```

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```
; GENERAL INFORMATION:
; APPLICANT: Weterings, Koen
; APPLICANT: Apuya, Nestor R.
; APPLICANT: Tatarinova, Tatiana
; APPLICANT: Goldberg, Robert B.
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription
; FILE REFERENCE: 023070-114700US
; CURRENT APPLICATION NUMBER: US/09/724.857
; CURRENT FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:dt-20dN primer
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: n = g, c, a or t
US-09-724-857-37

Query Match          0.7%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.7e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 219
US-10-100-321A-23
; Sequence 23, Application US/10100321A
; Patent No. 6946251
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; FILE REFERENCE: 492692000500
; CURRENT APPLICATION NUMBER: *US/10/100.321A
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-100-321A-23

Query Match          0.7%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.7e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 2 AAAAAAAAAAAAAAAAAAAAAA 21

RESULT 220
US-09-853-646A-4
; Sequence 4, Application US/09853646A
; Patent No. 6825038
```

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; GENERAL INFORMATION:
; APPLICANT: Nicolaides, Nicholas
; APPLICANT: Saes, Philip
; APPLICANT: Grasso, Luigi
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: A METHOD FOR GENERATING HYPERMUTABLE
; FILE REFERENCE: 01107.00138
; CURRENT APPLICATION NUMBER: US/09/853.646A
; CURRENT FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 60/204,769
; PRIOR FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Recombinant DNA
US-09-853-646A-4

Query Match          0.7%; Score 20; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 2.1e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 6 AAAAAAAAAAAAAAAAAAAAAA 25

RESULT 221
US-09-475-947A-119/C
; Sequence 119, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTS04667
; CURRENT APPLICATION NUMBER: US/09/475.947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 119
; LENGTH: 21
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-119

Query Match          0.7%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 2e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 1;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
Db 21 AAAAAAAAAATAAAAAAAAAAAAA 1

RESULT 222
US-08-936-306-10/C
; Sequence 10, Application US/08996306
; Patent No. 5945522
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Chumakov, Ilya
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
```

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; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 501 West Broadway
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92101-3505
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; OPERATING SYSTEM: Win95
; SOFTWARE: Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/996,306
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Israelson, Ned A.
; REGISTRATION NUMBER: 29,655
; REFERENCE/DOCKET NUMBER: GENSET.018A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: PGRT32
; LOCATION: complement 5198..5221
; OTHER INFORMATION: Location relative to seqID3
US-08-996-306-10

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Query Match      0.7%; Score 19.4; DB 1; Length 24;
Best Local Similarity 95.2%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
Db 21 TAAAAAAAAAAAAAAAAAAAAA 1

```

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RESULT 223
US-09-338-907-10/c
; Sequence 10, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CP1CP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature

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; LOCATION: 1..24
; OTHER INFORMATION: primer oligonucleotide PGRT32
US-09-338-907-10

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```

Query Match      0.7%; Score 19.4; DB 1; Length 24;
Best Local Similarity 95.2%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
Db 21 TAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 224
US-09-218-207-10/c
; Sequence 10, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
; CURRENT FILING DATE: 1998-12-22
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo Sapiens
; NAME/KEY: misc_feature
; LOCATION: 1..24
; OTHER INFORMATION: primer oligonucleotide PGRT32
US-09-218-207-10

```

```

Query Match      0.7%; Score 19.4; DB 1; Length 24;
Best Local Similarity 95.2%; Pred. No. 2.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
Db 21 TAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 225
US-08-756-728A-1/c
; Sequence 1, Application US/08756728A
; Patent No. 5821354
; GENERAL INFORMATION:
; APPLICANT: Leclerc, Guy
; APPLICANT: Martel, Remi
; TITLE OF INVENTION: RADIOLABELED DNA OLIGONUCLEOTIDE, METHOD
; TITLE OF INVENTION: OF PREPARATION AND THERAPEUTIC USES THEREOF
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30

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```

;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/756,728A
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1398-1-001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER"
; HYPOTHETICAL: NO
;
US-08-756-728A-1
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02; 0; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 227
US-08-469-852A-2/c
; Sequence 2, Application US/08271882B
; Patent No. 6017696
; GENERAL INFORMATION:
; APPLICANT: Michael J. Heller
; APPLICANT: Eugene Tu
; APPLICANT: Glen A. Evans
; APPLICANT: Ronald G. Sosnowski
; TITLE OF INVENTION: SELF-ADDRESSABLE
; TITLE OF INVENTION: MICROELECTRONIC SYSTEMS AND
; TITLE OF INVENTION: DEVICES FOR
; TITLE OF INVENTION: MOLECULAR BIOLOGICAL ANALYSIS
; TITLE OF INVENTION: AND DIAGNOSTICS
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: Wordperfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,882B
; FILING DATE: July 7, 1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,504
; FILING DATE: No. 6017696ember 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy, David B.
; REGISTRATION NUMBER: 31,125
; REFERENCE/DOCKET NUMBER: 207/263
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: nucleic
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-271-882B-16
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 226
US-08-469-852A-2/c
; Sequence 2, Application US/08469852A
; Patent No. 5874213
; GENERAL INFORMATION:
; APPLICANT: Cummins, Lendell L.
; APPLICANT: Freter, Susan M.
; APPLICANT: Griffey, Richard
; APPLICANT: Srivatesa, Susan G.
; TITLE OF INVENTION: Capillary Electrophoretic Detection of
; TITLE OF INVENTION: Nucleic Acids
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5874213rie LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,852A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/295,509
; FILING DATE: 24-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: ISIS-2015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases

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Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 228
US-08-295-509B-2/c
; Sequence 2, Application US/08295509B
; Patent No. 6045995
; GENERAL INFORMATION:
; APPLICANT: Cummins, Lendell L.
; APPLICANT: Freier, Susan M.
; APPLICANT: Griffey, Richard
; APPLICANT: Srivatsa, Susan G.
; TITLE OF INVENTION: Capillary Electrophoretic Detection of
; TITLE OF INVENTION: Nucleic Acids
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6045995ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/295,509B
; FILING DATE: 24-AUG-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: ISIS-1395
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-295-509B-2.

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAAAAA 2727
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 229
US-09-234-237-1/c
; Sequence 1, Application US/09234237
; Patent No. 6127124
; GENERAL INFORMATION:
; APPLICANT: Leeds, Janet M
; APPLICANT: Cummins, Lendell L
; TITLE OF INVENTION: Fluorescence Based Nuclease Assay
; FILE REFERENCE: ISIS3308
; CURRENT APPLICATION NUMBER: US/09/234,237
; CURRENT FILING DATE: 1999-01-20
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 230
US-09-016-520-20/c
; Sequence 20, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-aminoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; US-09-016-520-20

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAAAAA 2727
Db      19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 231
US-09-016-520-21/c
; Sequence 21, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
```

```
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; OTHER INFORMATION: Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-016-520-21
```

```
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 233
US-09-016-520-22/c
; Sequence 22, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; OTHER INFORMATION: Sequence
US-09-016-520-22
```

```
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 233
US-09-016-520-23/c
; Sequence 23, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; OTHER INFORMATION: Sequence
US-09-016-520-23
```

```
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 234
US-09-016-520-24/c
; Sequence 24, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
; OTHER INFORMATION: Sequence
US-09-016-520-24
```

```
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 235
US-09-016-520-25/c
; Sequence 25, Application US/09016520A
; Patent No. 6127533
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
```



```
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-016-520-25
```

```
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 236

```
US-09-016-520-26/c
; Sequence 26, Application US/09016520A
; Patent No. 6127533
```

```
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: misc feature
; LOCATION: (18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-016-520-26
```

```
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 237

```
US-09-016-520-27/c
; Sequence 27, Application US/09016520A
; Patent No. 6127533
```

```
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
```

```
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-016-520-27
```

```
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 238

```
US-09-016-520-31/c
; Sequence 31, Application US/09016520A
; Patent No. 6127533
```

```
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/016,520A
; CURRENT FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-016-520-31
```

```
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 239

```
US-09-016-520-33/c
; Sequence 33, Application US/09016520A
; Patent No. 6127533
```

```
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
```

APPLICANT: Manoharan, Muthiah

```
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5 methyl, 2'-aminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
; OTHER INFORMATION: Sequence
US-09-130-973-20

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 244
US-09-130-973-21/c
; Sequence 21, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5 methyl, 2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
; OTHER INFORMATION: Sequence
US-09-130-973-21

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 245
US-09-130-973-22/c
; Sequence 22, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
```

```
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-O-methoxyethyl (MOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
; OTHER INFORMATION: Sequence
US-09-130-973-22

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 246
US-09-130-973-23/c
; Sequence 23, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; TITLE OF INVENTION: Making Same
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-dimethylaminoxyethyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
; OTHER INFORMATION: Sequence
US-09-130-973-23

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 247
US-09-130-973-24/c
; Sequence 24, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
```

| APPLICANT: | Manoharan, Muthiah | APPLICANT: | Cook, Phillip Dan | APPLICANT: | Prakash, Thazha P | APPLICANT: | Kawasaki, Andrew M | TITLE OF INVENTION: | Aminoxy-Modified Oligonucleotides And Methods For | TITLE OF INVENTION: | Making Same | FILE REFERENCE: | ISIS2955 | CURRENT APPLICATION NUMBER: | US/09/130,973 | CURRENT FILING DATE: | 1998-08-07 | NUMBER OF SEQ ID NOS: | 58 | SOFTWARE: | PatentIn Ver. 2.1 | SEQ ID NO 24 | LENGTH: | 19 | TYPE: | DNA | ORGANISM: | Artificial Sequence | FEATURE: | NAME/KEY: | misc feature | LOCATION: | (16)..(19) | OTHER INFORMATION: | 2'-O-methoxyethyl | OTHER INFORMATION: | Description of Artificial Sequence: No. 6172209el | OTHER INFORMATION: | Sequence | US-09-130-973-24 | | | | | | | | | |
|-------------|--------------------|-----------------------|-------------------------|-----------------------|-----------------------|-----------------------|--------------------|-----------------------|---------------------------------------------------|-----------------------|-------------------|-----------------------|--------------------|-----------------------------|---------------------------------------------------|-----------------------|-------------|-----------------------|----------|-----------------------------|-----------------------|-----------------------|------------------|-----------------------|-------|-----------------------|-------------------|-----------------------|----------|-----------------------|--------------|-----------------------|------------|-----------------------|-------------------|-----------------------|---------------------------------------------------|-----------------------|------------------|-----------------------|-------------|-----------------------|---------------------------------------------------|-----------------------|----------|-----------------------|------|-----------------------|---|
| Query Match | 0.7%; | Score 19; | DB 1; | Length 19; | Best Local Similarity | 100.0%; | Pred. No. 2e+02; | Mismatches | 0; | Indels | 0; | Gaps | 0; | Matches | 19; | Conservative | 0; | Score 19; | DB 1; | Length 19; | Best Local Similarity | 100.0%; | Pred. No. 2e+02; | Mismatches | 0; | Indels | 0; | Gaps | 0; | Matches | 19; | Conservative | 0; | Score 19; | DB 1; | Length 19; | Best Local Similarity | 100.0%; | Pred. No. 2e+02; | Mismatches | 0; | Indels | 0; | Gaps | 0; | | | | |
| QY | 2709 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 |
| Db | 19 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 |
| RESULT 248 | US-09-130-973-25/c | Sequence 25, | Application US/09130973 | Patent No. 6172209 | GENERAL INFORMATION: | APPLICANT: | Manoharan, Muthiah | APPLICANT: | Cook, Phillip Dan | APPLICANT: | Prakash, Thazha P | APPLICANT: | Kawasaki, Andrew M | TITLE OF INVENTION: | Aminoxy-Modified Oligonucleotides And Methods For | TITLE OF INVENTION: | Making Same | FILE REFERENCE: | ISIS2955 | CURRENT APPLICATION NUMBER: | US/09/130,973 | CURRENT FILING DATE: | 1998-08-07 | NUMBER OF SEQ ID NOS: | 58 | SOFTWARE: | PatentIn Ver. 2.1 | SEQ ID NO 25 | LENGTH: | 19 | TYPE: | DNA | ORGANISM: | Artificial Sequence | FEATURE: | NAME/KEY: | misc feature | LOCATION: | (16)..(19) | OTHER INFORMATION: | 2'-O-propyl | OTHER INFORMATION: | Description of Artificial Sequence: No. 6172209el | OTHER INFORMATION: | Sequence | US-09-130-973-25 | | | |
| Query Match | 0.7%; | Score 19; | DB 1; | Length 19; | Best Local Similarity | 100.0%; | Pred. No. 2e+02; | Mismatches | 0; | Indels | 0; | Gaps | 0; | Matches | 19; | Conservative | 0; | Score 19; | DB 1; | Length 19; | Best Local Similarity | 100.0%; | Pred. No. 2e+02; | Mismatches | 0; | Indels | 0; | Gaps | 0; | Matches | 19; | Conservative | 0; | Score 19; | DB 1; | Length 19; | Best Local Similarity | 100.0%; | Pred. No. 2e+02; | Mismatches | 0; | Indels | 0; | Gaps | 0; | | | | |
| QY | 2709 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 |
| Db | 19 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 | AAAAAAAAAAAAAAAAAAAAA | 2727 | AAAAAAAAAAAAAAAAAAAAA | 1 |
| RESULT 249 | US-09-130-973-26/c | Sequence 26, | Application US/09130973 | Patent No. 6172209 | GENERAL INFORMATION: | APPLICANT: | Manoharan, Muthiah | APPLICANT: | Cook, Phillip Dan | APPLICANT: | Prakash, Thazha P | APPLICANT: | Kawasaki, Andrew M | TITLE OF INVENTION: | Aminoxy-Modified Oligonucleotides And Methods For | TITLE OF INVENTION: | Making Same | FILE REFERENCE: | ISIS2955 | CURRENT APPLICATION NUMBER: | US/09/130,973 | CURRENT FILING DATE: | 1998-08-07 | NUMBER OF SEQ ID NOS: | 58 | SOFTWARE: | PatentIn Ver. 2.1 | SEQ ID NO 26 | LENGTH: | 19 | TYPE: | DNA | ORGANISM: | Artificial Sequence | FEATURE: | NAME/KEY: | | | | | | | | | | | | | |

```

; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (15)..(19)
; OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (T-2'-DMAOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
; OTHER INFORMATION: Sequence
US-09-130-973-31

```

```

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 252
US-09-130-973-33/c
; Sequence 33, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (T-2'-DMAOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
; OTHER INFORMATION: Sequence
US-09-130-973-33

```

```

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 253
US-09-130-973-34/c
; Sequence 34, Application US/09130973

```

```

; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-dimethylaminoxyethyl thymidine (T-2'-DMAOE)
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
; OTHER INFORMATION: Sequence
US-09-130-973-34

```

```

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 254
US-09-130-973-44/c
; Sequence 44, Application US/09130973
; Patent No. 6172209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides And Methods For
; FILE REFERENCE: ISIS2955
; CURRENT APPLICATION NUMBER: US/09/130,973
; CURRENT FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6172209el
; OTHER INFORMATION: Sequence
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-O-methyleineiminoxyethyl thymidine
US-09-130-973-44

```

```

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 255
US-09-477-902-20/c

```


Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
| | | | | | | | | | | | | | | | | |
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 259

US-09-477-902-24/c
; Sequence 24, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-477-902-24

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
| | | | | | | | | | | | | | | | | |
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 260

US-09-477-902-25/c
; Sequence 25, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Sequence
US-09-477-902-25

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
| | | | | | | | | | | | | | | | | |
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 261

US-09-477-902-26/c
; Sequence 26, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-477-902-26

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
| | | | | | | | | | | | | | | | | |
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 262

US-09-477-902-27/c
; Sequence 27, Application US/09477902
; Patent No. 6194598
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: Aminoxy-Modified Oligonucleotides
; FILE REFERENCE: ISIS2824
; CURRENT APPLICATION NUMBER: US/09/477,902
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 19
; TYPE: DNA

; OTHER INFORMATION: 5-methyl-2'-O-propyl


```
; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (15)..(19)
; OTHER INFORMATION: 2'-methyleneiminoxyethoxy
US-09-477-902-44

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 267
US-08-726-278-16/c
; Sequence 16, Application US/08726278
; Patent No. 6238624
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.
; APPLICANT: Tu, Eugene
; APPLICANT: Evans, Glen A.
; APPLICANT: Sosnowski, Ronald G.
; TITLE OF INVENTION: METHODS FOR ELECTRONIC TRANSPORT IN MOLECULAR
; FILE REFERENCE: BIOLOGICAL ANALYSIS AND DIAGNOSTICS
; CURRENT APPLICATION NUMBER: DAVID B. MURPHY/NANOGEN: 222-210
; CURRENT FILING DATE: US/08/726,278
; PRIOR APPLICATION NUMBER: 1996-10-04
; PRIOR FILING DATE: 1994-07-07
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Sequences for
; OTHER INFORMATION: Labeling
US-08-726-278-16

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 268
US-09-338-907-515/c
; Sequence 515, Application US/09338907
; Patent No. 6265546
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Iliya, Chumakov
; APPLICANT: Bougueleret, Lydie

; CURRENT FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 09/016,520
; PRIOR FILING DATE: 1998-01-30
; PRIOR APPLICATION NUMBER: 60/037,143
; PRIOR FILING DATE: 1997-02-14
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (15)..(19)
; OTHER INFORMATION: 2'-methyleneiminoxyethoxy
US-09-477-902-44

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 269
US-09-123-108-6/c
; Sequence 6, Application US/09123108
; Patent No. 6271358
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Boswell, Herb
; TITLE OF INVENTION: RNA TARGETED 2'-MODIFIED OLIGONUCLEOTIDES THAT ARE
; FILE REFERENCE: CONFORMATIONALLY PREORGANIZED
; CURRENT APPLICATION NUMBER: US/09/123,108
; CURRENT FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6271358el sequence
US-09-123-108-6

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 270
US-09-378-665A-5/c
; Sequence 5, Application US/09378665A
; Patent No. 6277982
; GENERAL INFORMATION:
; APPLICANT: Fraser, Allister S.
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Jung, Michael E.
; APPLICANT: Kawasaki, Andrew M.
```

```
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18PCIP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 515
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-338-907-515

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 269
US-09-123-108-6/c
; Sequence 6, Application US/09123108
; Patent No. 6271358
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Boswell, Herb
; TITLE OF INVENTION: RNA TARGETED 2'-MODIFIED OLIGONUCLEOTIDES THAT ARE
; FILE REFERENCE: CONFORMATIONALLY PREORGANIZED
; CURRENT APPLICATION NUMBER: US/09/123,108
; CURRENT FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6271358el sequence
US-09-123-108-6

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 270
US-09-378-665A-5/c
; Sequence 5, Application US/09378665A
; Patent No. 6277982
; GENERAL INFORMATION:
; APPLICANT: Fraser, Allister S.
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Jung, Michael E.
; APPLICANT: Kawasaki, Andrew M.
```

iss.res

Tue Nov 7 10:41:33 2006

```

; TITLE OF INVENTION: Alkylation of Alcohols, Amines, Thiols and Their
; TITLE OF INVENTION: Derivatives by Cyclic Sulfate Intermediates
; FILE REFERENCE: ISIS4072
; CURRENT APPLICATION NUMBER: US/09/378,665A
; CURRENT FILING DATE: 1999-08-20
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-09-378-665A-5

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 271
US-09-202-294-4/c
; Sequence 4, Application US/09202294
; Patent No. 6329519
; GENERAL INFORMATION:
; APPLICANT: Collingwood, Stephen P.
; APPLICANT: Moser, Heinz E.
; APPLICANT: Altmann, Karl-Heinz
; APPLICANT: Douglas, Mark E.
; TITLE OF INVENTION: Intermediates for oligonucleotides
; FILE REFERENCE: 4-20900/A/MA2134/PT
; CURRENT APPLICATION NUMBER: US/09/202,294
; CURRENT FILING DATE: 1999-03-15
; EARLIER APPLICATION NUMBER: PCT/GB97/01490
; EARLIER FILING DATE: 1997-06-03
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-202-294-4

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 272
US-09-218-207-515/c
; Sequence 515, Application US/09218207
; Patent No. 6346381
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; FILE REFERENCE: GENSET.018CP1
; CURRENT APPLICATION NUMBER: US/09/218,207
;
; TITLE OF INVENTION: Alkylation of Alcohols, Amines, Thiols and Their
; TITLE OF INVENTION: Derivatives by Cyclic Sulfate Intermediates
; FILE REFERENCE: ISIS4072
; CURRENT APPLICATION NUMBER: US/09/378,665A
; CURRENT FILING DATE: 1999-08-20
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-09-378-665A-5

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 273
US-09-303-586-15/c
; Sequence 15, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-09-303-586-15

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 274
US-09-303-586-16/c
; Sequence 16, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
;

```

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; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE linkage
US-09-303-586-16

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 275
US-09-303-586-17/c
; Sequence 17, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; NAME/KEY: misc feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2' - O-MOE
US-09-303-586-17

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 276
US-09-303-586-18/c
; Sequence 18, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; NAME/KEY: misc feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE; sub O linkage
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2' - O-MOE
US-09-303-586-18

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 277
US-09-303-586-26/c
; Sequence 26, Application US/09303586
; Patent No. 6369209
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form Confirmational
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/09/303,586
; CURRENT FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; NAME/KEY: misc feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-09-303-586-17

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2'-modified T linkage
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2'-modified T linkage
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-modified T linkage
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-modified T linkage
US-09-303-586-26
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 278
US-09-227-782-1/c
; Sequence 1, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; TYPE: DNA
; LENGTH: 19
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl- 2'- aminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-1
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 279
US-09-227-782-2/c
; Sequence 2, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl- 2'- dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-2
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 280
US-09-227-782-3/c
; Sequence 3, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; TYPE: DNA
; LENGTH: 19
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-3
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 281
US-09-227-782-4/c
; Sequence 4, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
```

```
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5- methyl- 2'- dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-4

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 282
US-09-227-782-5/c
; Sequence 5, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5- methyl- 2'-methoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-5

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 283
US-09-227-782-6/c
; Sequence 6, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
```

```
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5- methyl- 2'-O-propyl
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-6

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 284
US-09-227-782-7/c
; Sequence 7, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (18)
; OTHER INFORMATION: 5- methyl- 2'- dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-7

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 285
US-09-227-782-8/c
; Sequence 8, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 19
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-14

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 19; Conservative 0;

QY 2709 AAAAAAAAAAAAAAAA 2727
| | | | | | | | | | | | | | | |
DB 19 AAAAAAAAAAAAAAAA 1

RESULT 286
US-09-227-782-12/c
; Sequence 12, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779el Sequence
US-09-227-782-12

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 19; Conservative 0;

QY 2709 AAAAAAAAAAAAAAAA 2727
| | | | | | | | | | | | | | | |
DB 19 AAAAAAAAAAAAAAAA 1

RESULT 287
US-09-227-782-14/c
; Sequence 14, Application US/09227782
; Patent No. 6403779
; GENERAL INFORMATION:
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Fraser, Allister S
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip D
; APPLICANT: Prakash, Thazha P
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS3315
; CURRENT APPLICATION NUMBER: US/09/227,782
; CURRENT FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

```
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methyleneiminoxyethoxy
; OTHER INFORMATION: Description of Artificial Sequence: No. 6403779e1 Sequence
US-09-227-782-25

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
   |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 290
US-09-619-103-25
; Sequence 25, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-25

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
   |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 19

RESULT 291
US-09-288-679-1/c
; Sequence 1, Application US/09288679
; Patent No. 6465628
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulunga
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Capaldi, Daniel
; APPLICANT: Krotz, Achim
; APPLICANT: Cole, Douglas
; APPLICANT: Guzaev, Andrei
; TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric Compounds
; FILE REFERENCE: IS18380
; CURRENT APPLICATION NUMBER: US/09/288,679
; CURRENT FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/118,564
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
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; OTHER INFORMATION: No. 6465628e1 Sequence
US-09-288-679-1

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
   |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 292
US-09-612-531-3/c
; Sequence 3, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: T*=2'-O-(2-(guanidinium)ethyl)
US-09-612-531-3

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
   |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 293
US-09-612-531-7/c
; Sequence 7, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
```

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Tue Nov 7 10:41:33 2006

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; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; US-09-612-531-7
    Query Match      0.7%; Score 19; DB 1; Length 19;
    Best Local Similarity 100.0%; Pred. No. 2e+02; 0; Indels 0; Gaps 0;
    Matches 19; Conservative 0; Mismatches 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 294
US-09-612-531-13/c
; Sequence 13, Application US/09612531
; Patent No. 6534639
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/09/612,531
; CURRENT FILING DATE: 2000-07-07
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
; US-09-612-531-13
    Query Match      0.7%; Score 19; DB 1; Length 19;
    Best Local Similarity 100.0%; Pred. No. 2e+02; 0; Indels 0; Gaps 0;
    Matches 19; Conservative 0; Mismatches 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 295
US-10-121-135-5/c
; Sequence 5, Application US/10121135
; Patent No. 6552178
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides
; FILE REFERENCE: ISIS-5036
; CURRENT APPLICATION NUMBER: US/10/121,135
; CURRENT FILING DATE: 2002-04-11
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 09/130,566
; PRIOR FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
; US-10-121-135-5
    Query Match      0.7%; Score 19; DB 1; Length 19;
    Best Local Similarity 100.0%; Pred. No. 2e+02; 0; Indels 0; Gaps 0;
    Matches 19; Conservative 0; Mismatches 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 296
US-10-121-135-5/c
; Sequence 5, Application US/10121135
; Patent No. 6552178
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides
; FILE REFERENCE: ISIS-5036
; CURRENT APPLICATION NUMBER: US/10/121,135
; CURRENT FILING DATE: 2002-04-11
; PRIOR FILING DATE: 09/370,625
; PRIOR APPLICATION NUMBER: 09/370,625
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: 09/130,566
; PRIOR FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
; US-10-121-135-5
    Query Match      0.7%; Score 19; DB 1; Length 19;
    Best Local Similarity 100.0%; Pred. No. 2e+02; 0; Indels 0; Gaps 0;
    Matches 19; Conservative 0; Mismatches 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 297
US-10-121-135-26/c
; Sequence 26, Application US/10121135
; Patent No. 6552178
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: 2'-O-Aminoethyloxyethyl-Modified Oligonucleotides
; FILE REFERENCE: ISIS-5036
; CURRENT APPLICATION NUMBER: US/10/121,135
; CURRENT FILING DATE: 2002-04-11
; PRIOR FILING DATE: 09/370,625
; PRIOR APPLICATION NUMBER: 09/130,566
; PRIOR FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA

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; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-(2-N,N-dimethylaminoethyl) oxyethyl]-5-methyl uridine (2',
US-10-121-135-26
; OTHER INFORMATION: -sub-T)

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 298
US-09-142-212A-10/c
; Sequence 10, Application US/09142212A
; Patent No. 6562960
; GENERAL INFORMATION:
; APPLICANT: Baxter, Anthony David
; APPLICANT: Collingwood, Stephen Paul
; APPLICANT: Douglas, Mark Edward
; APPLICANT: Taylor, Roger John
; TITLE OF INVENTION: Oligonucleotide Analogues
; FILE REFERENCE: ISIS4385
; CURRENT APPLICATION NUMBER: US/09/142,212A
; PRIOR FILING DATE: 1998-10-09
; PRIOR APPLICATION NUMBER: 97/00499
; PRIOR FILING DATE: 1997-02-24
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; NAME/KEY: misc_feature
; LOCATION: (16)..(18)
; OTHER INFORMATION: Modified internucleoside linkage
US-09-142-212A-10

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 299
US-09-349-040A-3/c
; Sequence 3, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
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; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-3

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 300
US-09-349-040A-4/c
; Sequence 4, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-4

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 301
US-09-349-040A-5/c
; Sequence 5, Application US/09349040A
; Patent No. 6593466
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Functionalized Oligomers
; FILE REFERENCE: ISIS-3811
; CURRENT APPLICATION NUMBER: US/09/349,040A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6593466el Sequence
US-09-349-040A-5

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02; 0; Indels    0; Gaps    0;
Matches 19; Conservative 0; Mismatches 0;

QY   2709 AAAAAAAAAAAAAAA 2727
     |||||||
DB   19 AAAAAAAAAAAAAAA 1

RESULT 302
US-09-409-926-17/c
Sequence 17, Application US/09409926
Patent No. 6617442
GENERAL INFORMATION:
APPLICANT: Crooke, Stanley T.
APPLICANT: Lima, Hongjiang
TITLE OF INVENTION: Human RNase H1 and Oligonucleotide Compositions Thereof
FILE REFERENCE: ISIS4186
CURRENT APPLICATION NUMBER: US/09/409,926
CURRENT FILING DATE: 1999-09-30
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 17
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: No. 6617442el Sequence

US-09-409-926-17

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02; 0; Indels    0; Gaps    0;
Matches 19; Conservative 0; Mismatches 0;

QY   2709 AAAAAAAAAAAAAAA 2727
     |||||||
DB   19 AAAAAAAAAAAAAAA 1

RESULT 303
US-09-409-926-18/c
Sequence 18, Application US/09409926
Patent No. 6617442
GENERAL INFORMATION:
APPLICANT: Crooke, Stanley T.
APPLICANT: Lima, Hongjiang
TITLE OF INVENTION: Human RNase H1 and Oligonucleotide Compositions Thereof
FILE REFERENCE: ISIS4186
CURRENT APPLICATION NUMBER: US/09/409,926
CURRENT FILING DATE: 1999-09-30
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 18
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
OTHER INFORMATION: Oligonucleotide
OTHER INFORMATION: Description of Artificial Sequence: No. 6617442el Sequence

US-09-409-926-18

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02; 0; Indels    0; Gaps    0;
Matches 19; Conservative 0; Mismatches 0;

QY   2709 AAAAAAAAAAAAAAA 2727

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Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 306
US-10-123-597-3/c
; Sequence 3, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
US-10-123-597-3

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 307
US-10-123-597-4/c
; Sequence 4, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-4
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Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 308
US-10-123-597-5/c
; Sequence 5, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-5

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 309
US-10-123-597-6/c
; Sequence 6, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; PRIOR FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
US-10-123-597-6
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;
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-6
    Query Match          0.7%; Score 19; DB 1; Length 19;
    Best Local Similarity 100.0%; Pred. No. 2e+02;
    Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 310
US-10-123-597-7/c
; Sequence 7, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-7
    Query Match          0.7%; Score 19; DB 1; Length 19;
    Best Local Similarity 100.0%; Pred. No. 2e+02;
    Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 311
US-10-123-597-8/c
; Sequence 8, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-8
    Query Match          0.7%; Score 19; DB 1; Length 19;
    Best Local Similarity 100.0%; Pred. No. 2e+02;
    Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 312
US-10-123-597-12/c
; Sequence 12, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-12
    Query Match          0.7%; Score 19; DB 1; Length 19;
    Best Local Similarity 100.0%; Pred. No. 2e+02;
    Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 313
US-10-123-597-14/c
; Sequence 14, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
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```
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-14

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 314
US-10-123-597-15/c
; Sequence 15, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-15

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 315
US-10-123-597-25/c
; Sequence 25, Application US/10123597
; Patent No. 6624294
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
```

```
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methylenciminoxyethoxy
US-10-123-597-25

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 316
US-09-349-033A-1/c
; Sequence 1, Application US/09349033A
; Patent No. 6639061
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin
; APPLICANT: An, Haoyun
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compoun
; FILE REFERENCE: ISIS-3312
; CURRENT APPLICATION NUMBER: US/09/349,033A
; CURRENT FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-09-349-033A-1

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 317
US-09-435-806-6/c
; Sequence 6, Application US/09435806
; Patent No. 6653458
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Guinosa, Charles J.
; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4289
; CURRENT APPLICATION NUMBER: US/09/435,806
; CURRENT FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: US 09/115,043
; PRIOR FILING DATE: 1998-07-14
; PRIOR APPLICATION NUMBER: US 08/602,862
; PRIOR FILING DATE: 1996-02-28
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
```

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;
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-09-435-806-6

Query Match          0.7%  Score 19;  DB 1;  Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 318
US-10-098-816-15/c
; Sequence 15, Application US/10098816
; Patent No. 6737520
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/05/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE linkage
; US-10-098-816-15

Query Match          0.7%  Score 19;  DB 1;  Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 320
US-10-098-816-17/c
; Sequence 17, Application US/10098816
; Patent No. 6737520
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/05/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; CURRENT APPLICATION NUMBER: US/10/098,816

Query Match          0.7%  Score 19;  DB 1;  Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 319
US-10-098-816-16/c
; Sequence 16, Application US/10098816
; Patent No. 6737520
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
```

; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-10-098-816-17

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
|||||
DB 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 321
US-10-098-816-18/c
; Sequence 18, Application US/10098816
; Patent No. 6737520
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: sub O linkage
US-10-098-816-18

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
|||||
DB 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 322
US-10-098-816-26/c
; Sequence 26, Application US/10098816

; Patent No. 6737520
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-modified T linkage
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-modified T linkage
US-10-098-816-26

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
|||||
DB 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 323
US-10-232-881-1/c
; Sequence 1, Application US/10232881
; Patent No. 6858715
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulunga
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Capaldi, Daniel
; APPLICANT: Krotz, Achim
; APPLICANT: Cole, Douglas
; APPLICANT: Guzaev, Andrei
; TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric
; FILE REFERENCE: ISIS3380
; CURRENT APPLICATION NUMBER: US/10/232,881
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US/09/288,679
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/118,564
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial

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;
; FEATURE:
; OTHER INFORMATION: No. 6859715el Sequence
US-10-232-881-1

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
   |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 324
US-10-247-893-3/c
; Sequence 3, Application US/10247893
; Patent No. 6914148
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc.feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-3

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
   |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 325
US-10-247-893-7/c
; Sequence 7, Application US/10247893
; Patent No. 6914148
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
   |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 326
US-10-247-893-13/c
; Sequence 13, Application US/10247893
; Patent No. 6914148
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc.feature
; LOCATION: (17)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-13

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
   |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 327
US-09-329-416-3/c
; Sequence 3, Application US/09329416
; Patent No. 6919437
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Guzaev, Andrei
; TITLE OF INVENTION: Synthetic Methods and Intermediates for Triester
; TITLE OF INVENTION: Oligonucleotides

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; FILE REFERENCE: ISIS3683
; CURRENT APPLICATION NUMBER: US/09/329,416
; CURRENT FILING DATE: 1999-06-10
; EARLIER APPLICATION NUMBER: 09/095,822
; EARLIER FILING DATE: 1998-06-11
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: sequence
US-09-329-416-3

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 328
US-10-058-740-3/c
; Sequence 3, Application US/10058740
; Patent No. 6921812
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P.
; TITLE OF INVENTION: Methods Of Modulating Pharmacokinetics Of Oligonucleotides
; FILE REFERENCE: ISIS-4853
; CURRENT APPLICATION NUMBER: US/10/058,740
; CURRENT FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 09/932,898
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-[2-((methylthio)ethyl)-5-methyluridine
US-10-058-740-3

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 329
US-10-100-321A-24
; Sequence 24, Application US/10100321A
; Patent No. 6946251
; GENERAL INFORMATION:
; APPLICANT: Kuhn, Nurieth
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 492692000500
; CURRENT APPLICATION NUMBER: US/10/100,321A
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
```

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; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-100-321A-24

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 1 AAAAAAAAAAAAAAAAAAAAAA 19

RESULT 330
US-10-322-242-1/c
; Sequence 1, Application US/10322242
; Patent No. 6974865
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin
; APPLICANT: An, Haoyun
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compoun
; FILE REFERENCE: ISIS-3312
; CURRENT APPLICATION NUMBER: US/10/322,242
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US/09/349,033
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-10-322-242-1

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 331
US-07-912-900-20/c
; Sequence 20, Application US/07912900
; Patent No. 5349125
; GENERAL INFORMATION:
; APPLICANT: Holton, Timothy A.
; APPLICANT: Cornish, Edwina C.
; APPLICANT: Kovacic, Filippa
; APPLICANT: Tanaka, Yoshikazu
; APPLICANT: Lester, Diane R.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: U.S.A.
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; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-285-309-20

Query Match      0.7%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.1e+02; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 0;

QY 2707 CTAAGAAAAA 2725
DB 19 CTAAGAAAAA 1

RESULT 333
US-08-313-075A-11/c
; Sequence 11, Application US/08313075A
; Patent No. 5639870
; GENERAL INFORMATION:
; APPLICANT: Holton, Timothy A.
; APPLICANT: Cornish, Edwin C.
; APPLICANT: Tanaka, Yoshikazu
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID
; TITLE OF INVENTION: PATHWAY ENZYMES AND USES THEREFOR
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/313.075A
; FILING DATE: 30-NOV-1994
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU PL 1538/92
; FILING DATE: 27-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU PL 6698/93
; FILING DATE: 07-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU PCT/AU93/00127
; FILING DATE: 25-MAR-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: DiGiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 8633
; TELEPHONE: (516) 742-4366
; TELEFAX: (516) 742-4343
; TELEPHONE: (516) 742-4366
; TELEFAX: (516) 742-4343
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-313-075A-11

Query Match      0.7%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.1e+02; Indels 0; Gaps 0;
Matches 19; Conservative 0; Mismatches 0;

QY 2707 CTAAGAAAAA 2725
DB 19 CTAAGAAAAA 1

RESULT 332
US-08-285-309-20/c
; Sequence 20, Application US/08285309
; Patent No. 5569832
; GENERAL INFORMATION:
; APPLICANT: Holton, Timothy A.
; APPLICANT: Cornish, Edwin C.
; APPLICANT: Kovacic, Filipa
; APPLICANT: Tanaka, Yoshikazu
; APPLICANT: Lester, Diane R.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING A 3,5'-
; TITLE OF INVENTION: HYDROXYLASE AND USES
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/285.309
; FILING DATE: 03-AUG-1994
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: DiGiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 8633Z
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEFAX: 230 901 SANS UR

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Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAACAAAAA 2725
DB 19 CTAACAAAAA 1

RESULT 334
US-08-502-046-20/c
; Sequence 20, Application US/08502046
; Patent No. 5861487
; GENERAL INFORMATION:
; APPLICANT: Holton, Timothy A.
; APPLICANT: Cornish, Edwina C.
; APPLICANT: Kovacic, Filipa
; APPLICANT: Tanaka, Yoshikazu
; APPLICANT: Lester, Diane R.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING A 3,5'-
; TITLE OF INVENTION: HYDROXYLASE AND USES
; NUMBER OF SEQUENCES: 29
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Scully, Scott, Murphy & Presser
; STREET: 400 Garden City Plaza
; CITY: Garden City
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 11530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/502,046
; FILING DATE: 14-JUL-1995
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/285,309
; FILING DATE: 03-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Digiglio, Frank S.
; REGISTRATION NUMBER: 31,346
; REFERENCE/DOCKET NUMBER: 8633Z
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (516) 742-4343
; TELEFAX: (516) 742-4366
; TELEX: 230 901 SANS UR
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-502-046-20

Query Match 0.7%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAACAAAAA 2725
DB 19 CTAACAAAAA 1

RESULT 335
US-08-359-295C-23/c
; Sequence 23, Application US/08359295C
; Patent No. 5695934
; GENERAL INFORMATION:
; APPLICANT: Sydney Brenner
; TITLE OF INVENTION: Massively Parallel Sequencing of Sorted Polynucleotides
; NUMBER OF SEQUENCES: 23

Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAA 2727
DB 21 AAAAAAAAAA 3

RESULT 336
US-08-485-105A-23/c
; Sequence 23, Application US/08485105A
; Patent No. 5663722
; GENERAL INFORMATION:
; APPLICANT: Sydney Brenner
; TITLE OF INVENTION: Massively Parallel Sequencing of Sorted Polynucleotides
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,105A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/359,295
; FILING DATE: 19-DEC-94
; APPLICATION NUMBER: 08/322,348
; FILING DATE: 13-OCT-94
; ATTORNEY/AGENT INFORMATION:
```

```

; NAME: Stephen C. Macevitz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: m9el
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; US-08-485-105A-23

Query Match 0.7%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
| | | | | | | | | | | | | | | | | | | | |
Db 21 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 337
US-09-183-650-23/c
; Sequence 23, Application US/09183650B
; Patent No. 6140489
; GENERAL INFORMATION:
; APPLICANT: Brenner, Sydney
; TITLE OF INVENTION: Improved compositions for sorting polynucleotides
; FILE REFERENCE: 803-03
; CURRENT APPLICATION NUMBER: US/09/183,650B
; CURRENT FILING DATE: 1998-10-30
; EARLIER APPLICATION NUMBER: US 08/485,105
; EARLIER FILING DATE: 1995-06-07
; EARLIER APPLICATION NUMBER: US 08/359,295
; EARLIER FILING DATE: 1994-12-19
; EARLIER APPLICATION NUMBER: US 08/322,348
; EARLIER FILING DATE: 1994-10-13
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: Microsoft word97
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: NO. 6140489special biological significance.
; NAME/KEY: Primer.
; LOCATION: N.a.
; OTHER INFORMATION: Primer for synthesis of first strand of cDNA.
; US-09-183-650-23

Query Match 0.7%; Score 19; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
| | | | | | | | | | | | | | | | | | | | |
Db 21 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 338
US-08-482-918-32/c
; Sequence 32, Application US/08482918
; Patent No. 6207417
; GENERAL INFORMATION:
; APPLICANT: Zeebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,918
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/33005
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300

```

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;
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-482-918-34

Query Match          0.7%  Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAAGAAAAA 2726
Db 20 CGAAAAA 1

RESULT 340
US-09-224-681-32/c
; Sequence 32, Application US/09224681
; Patent No. 6207454
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
; TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/224,681
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
```

```
;
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/35199
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX:
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-224-681-32

Query Match          0.7%  Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAAGAAAAA 2726
Db 20 CGAAAAA 1

RESULT 341
US-09-224-681-34/c
; Sequence 34, Application US/09224681
; Patent No. 6207454
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Method for Enhancing the Efficiency of Gene
; TITLE OF INVENTION: Transfer with Stem Cell Factor (SCF) Polypeptide
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/224,681
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
```

```

APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
TELEPHONE: 312/474-6300
TELETYPE: 312/474-6300
TELEX:
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLSCULE TYPE: DNA
US-09-224-681-34

Query Match      0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY    2707 CTAAAAAATAAAAAAAAAAAA 2726
DB    20 CGAAAAAATAAAAAAAAAAAA 1

RESULT 342
US-08-336-728A-32/c
; Sequence 32, Application US/08336728A
; Patent No. 6207802
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/336,728A
; FILING DATE: 09-NOV-1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107

```

```

REFERENCE/DOCKET NUMBER: 01017/32956
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-336-728A-32

Query Match          0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2707 CTAAGAAAAA 2726
      |||||
Db      20 CCAAAAAA 1

RESULT 343
US-08-336-728A-34/C
Sequence 34, Application US/08336728A
Patent No. 6207802
GENERAL INFORMATION:
APPLICANT: Zsebo, Kristina M.
APPLICANT: Boesselman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM: disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/336,728A
FILING DATE: 09-NOV-1994
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32956
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856

```

```
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 20 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA
US-08-336-728A-34

Query Match          0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAAGAAAAA 2726
Db 20 CGAAAAAA 1

RESULT 344
US-09-588-950A-5/c
; Sequence 5, Application US/09588950A
; Patent No. 6399305
; GENERAL INFORMATION:
; APPLICANT: Makino, Yoshihiko
; APPLICANT: Abe, Yoshihiko
; APPLICANT: Ogawa, Masaaki
; APPLICANT: Takagi, Makoto
; APPLICANT: Takenaka, Shigeori
; APPLICANT: Yamashita, Kenichi
; TITLE OF INVENTION: Protection of Partial Complementary Nucleic Acid Fragment Using a
; FILE REFERENCE: JG-YY-4980/500569.20039
; CURRENT APPLICATION NUMBER: US/09/588,950A
; PRIOR FILING DATE: 2000-06-07
; PRIOR APPLICATION NUMBER: Japan 11-159339
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized
US-09-588-950A-5

Query Match          0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2709 AAAAAAAA 2728
Db 20 AAAAAAAAT 1

RESULT 345
US-09-635-251-32/c
; Sequence 32, Application US/09635251
; Patent No. 6759215
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; Bosselman, Robert A.
; Suggs, Sidney V.
; Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402

; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 20 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-635-251-32

Query Match          0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAAGAAAAA 2726
Db 20 CGAAAAAA 1

RESULT 346
US-09-635-251-34/c
; Sequence 34, Application US/09635251
; Patent No. 6759215
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; Bosselman, Robert A.
; Suggs, Sidney V.
; Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
```

```

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/09/635,251
  FILING DATE: 07-AUG-2000
  CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: 08/449,182
  FILING DATE: 24-MAY-1995
  APPLICATION NUMBER: 08/172,329
  FILING DATE: 21-DEC-1993
  APPLICATION NUMBER: 07/982,255
  FILING DATE: 25-NOV-1992
  APPLICATION NUMBER: 07/684,535
  FILING DATE: 04-OCT-1991
  APPLICATION NUMBER: 07/589,701
  FILING DATE: 01-OCT-1990
  APPLICATION NUMBER: 07/573,616
  FILING DATE: 24-AUG-1990
  APPLICATION NUMBER: 07/537,198
  FILING DATE: 11-JUN-1990
  APPLICATION NUMBER: 07/422,383
  FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
  NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32957A
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 312/474-6300
  TELEFAX: 312/474-0448
  TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
  LENGTH: 20 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: single
  TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-635-251-34
Query Match          0.7%; Score 18.4; DB 1;
Best Local Similarity 95.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0; Length 20;

QY      2707 CTAAAAAAAAAAAAAAAAAAAAA 2726
Db       | ||||| ||||| ||||| ||||| |||||
        20 CGAAAAAAAAAAAAAAAAAAAAA 1

RESULT 347
US-09-224-683-32/c
Sequence 32, Application US/09224683
Patent No. 6841147
GENERAL INFORMATION:
APPLICANT: Zsebo, Krisztina M.
APPLICANT: Bosseman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor: Composition Claims
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/09/635,251
  FILING DATE: 07-AUG-2000
  CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: 08/449,182
  FILING DATE: 24-MAY-1995
  APPLICATION NUMBER: 08/172,329
  FILING DATE: 21-DEC-1993
  APPLICATION NUMBER: 07/982,255
  FILING DATE: 25-NOV-1992
  APPLICATION NUMBER: 07/684,535
  FILING DATE: 04-OCT-1991
  APPLICATION NUMBER: 07/589,701
  FILING DATE: 01-OCT-1990
  APPLICATION NUMBER: 07/573,616
  FILING DATE: 24-AUG-1990
  APPLICATION NUMBER: 07/537,198
  FILING DATE: 11-JUN-1990
  APPLICATION NUMBER: 07/422,383
  FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
  NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32957A
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 312/474-6300
  TELEFAX: 312/474-0448
  TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
  LENGTH: 20 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: single
  TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-635-251-34
Query Match          0.7%; Score 18.4; DB 1;
Best Local Similarity 95.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0; Length 20;

QY      2707 CTAAAAAAAAAAAAAAAAAAAAA 2726
Db       | ||||| ||||| ||||| ||||| |||||
        20 CGAAAAAAAAAAAAAAAAAAAAA 1

RESULT 348
US-09-224-683-34/c
Sequence 34, Application US/09224683
Patent No. 6841147
GENERAL INFORMATION:
APPLICANT: Zsebo, Krisztina M.
APPLICANT: Bosseman, Robert A.
APPLICANT: Suggs, Sidney V.
APPLICANT: Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor: Composition Claims
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

```



```
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/224,683
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/35136
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-224-683-34

Query Match 0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 2707 CTAACAAAAA 2726
Db 20 CCAAAAAA 1

RESULT 349
US-09-604-325A-32/c
; Sequence 32, Application US/09604325A
; Patent No. 6852313
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; Bosselman, Robert A.
; Suggs, Sidney V.
; Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
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; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/604,325A
; FILING DATE: 17-Jun-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/32953
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; US-09-604-325A-32

Query Match 0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 2707 CTAACAAAAA 2726
Db 20 CCAAAAAA 1

RESULT 350
US-09-604-325A-34/c
; Sequence 34, Application US/09604325A
; Patent No. 6852313
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; Bosselman, Robert A.
; Suggs, Sidney V.
; Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/09/604,325A
FILING DATE: 17-Jun-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32953
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: 25-3856
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-604-325A-34
Query Match 0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2707 CTAACAAAAA 2726
DB 20 CGAAAAA 1
RESULT 351
US-09-643-659B-32/c
Sequence 32, Application US/09643659B
Patent No. 6967029
GENERAL INFORMATION:
APPLICANT: Zsebo, Kristina M.
Bosselman, Robert A.
Suggs, Sidney V.
Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/643,659B
FILING DATE: 21-Aug-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/448,729
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992

APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/684,535
FILING DATE: 10-APR-1991
APPLICATION NUMBER: 07/589,701
FILING DATE: 01-OCT-1990
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/32958A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-09-643-659B-32
Query Match 0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 2.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2707 CTAACAAAAA 2726
DB 20 CGAAAAA 1
RESULT 352
US-09-643-659B-34/c
Sequence 34, Application US/09643659B
Patent No. 6967029
GENERAL INFORMATION:
APPLICANT: Zsebo, Kristina M.
Bosselman, Robert A.
Suggs, Sidney V.
Martin, Francis H.
TITLE OF INVENTION: Stem Cell Factor
NUMBER OF SEQUENCES: 104
CORRESPONDENCE ADDRESS:
ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
STREET: 6300 Sears Tower, 233 South Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States of America
ZIP: 60606-6402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/643,659B
FILING DATE: 21-Aug-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/448,729
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992

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QY      2707  CTAACAAAAA 2726
|
Db      4  CCAAAAAA 23

RESULT 354
PCT-US94-05407-8/c
; Sequence 8, Application PC/TUS9405407
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY"
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05407
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/061,694
; FILING DATE: 13-MAY-1993
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
PCT-US94-05407-8

Query Match 0.7%; Score 18.4; DB 1; Length 23;
Best Local Similarity 95.0%; Pred. No. 2.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0

QY      2707  CTAACAAAAA 2726
|
Db      20  CCAAAAAA 1

RESULT 355
US-08-881-784-18/c
; Sequence 18, Application US/08881784
; Patent No. 6083731
; GENERAL INFORMATION:
; APPLICANT: Croteau, Rodney B.
; APPLICANT: Lupien, Shari L.
; APPLICANT: Karp, Frank
; TITLE OF INVENTION: RECOMBINANT MATERIALS AND METHODS FOR
; THE PRODUCTION OF LIMONENE HYDROXYLASES
; NUMBER OF SEQUENCES: 58
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen, O'Connor, Johnson and Kindness
; ADDRESSSE: PLLC
; STREET: 1420 Fifth Avenue, Suite 2800
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

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Tue Nov 7 10:41:33 2006

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; APPLICATION NUMBER: US/08/881,784
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Shelton, Dennis K.
; REGISTRATION NUMBER: 26,997
; REFERENCE/DOCKET INFORMATION: WSUR19777
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 224-0718
; TELEFAX: (206) 224-0779
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: 1..19
; OTHER INFORMATION: /product= "Primer 3.B (Table 1)"
US-08-881-784-18

Query Match 0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.5e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA
Db 19 DAAAAA

RESULT 356
US-09-292-768-18/c
; Sequence 18, Application US/09292768
; Patent No. 6194185
; GENERAL INFORMATION:
; APPLICANT: Croteau, Rodney B
; APPLICANT: Lupien, Shari L
; APPLICANT: Karp, Frank
; TITLE OF INVENTION: RECOMBINANT MATERIALS AND METHODS FOR THE PRODUCTION OF
; FILE REFERENCE: LMONENE HYDROXYLASES
; CURRENT FILING DATE: 1999-04-14
; EARLIER APPLICATION NUMBER: 08/881,784
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer 3.B
; NAME/KEY: misc.feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: Oligonucleotide primer that primes the polyA tail
; OTHER INFORMATION: on cDNA molecules
US-09-292-768-18

Query Match 0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.5e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA
Db 19 DAAAAA

RESULT 357
US-09-371-307-85/c
; Sequence 85, Application US/09371307A
; Patent No. 6723897
; GENERAL INFORMATION:
; APPLICANT: Brown, Sherri M.
; APPLICANT: Heck, Gregory R.
; APPLICANT: Piller, Kenneth J.
; APPLICANT: Kishore, Ganesh M.
; APPLICANT: Ellich, Tedd D.
; APPLICANT: Logusch, Eugene W.
; APPLICANT: Rao, Sudabathula
; APPLICANT: Ream, Joel E.
; APPLICANT: Logusch, Sherry J.
; TITLE OF INVENTION: Methods for controlling gibberellin levels
; FILE REFERENCE: MOST:216
; CURRENT APPLICATION NUMBER: US/09/371.307A
; CURRENT FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 85
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer
US-09-371-307-85

Query Match 0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.5e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA
Db 19 BAAAAA

RESULT 358
US-10-176-884-44/c
; Sequence 44, Application US/10176884
; Patent No. 6906244
; GENERAL INFORMATION:
; APPLICANT: Fischer, Robert
; APPLICANT: Kinoshita, Tetsu
; APPLICANT: Yadegari, Ramon
; APPLICANT: Gehring, Mary
; APPLICANT: Okamura, Jack
; APPLICANT: Dang, Van-Dinh
; APPLICANT: The Regents of the University of California
; APPLICANT: Ceres, Inc.
; TITLE OF INVENTION: Compositions and Methods for Modulating Plant
; FILE REFERENCE: 021070-116710US
; CURRENT APPLICATION NUMBER: US/10/176,884
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: US 60/300,506
; PRIOR FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligo(dT)-18
US-10-176-884-44

Query Match 0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 2.5e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA
Db 19 BAAAAA

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RESULT 359

US-08-621-914A-16/c
 ; Sequence 16, Application US/08621914A
 ; Patent No. 5707807
 ; GENERAL INFORMATION:
 ; APPLICANT: KATO, KIKUYA
 ; TITLE OF INVENTION: MOLECULAR INDEXING FOR EXPRESSED GENE
 ; TITLE OF INVENTION: ANALYSIS
 ; NUMBER OF SEQUENCES: 16
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: PENNIE & EDMONDS
 ; STREET: 1155 AVENUE OF THE AMERICAS
 ; CITY: NEW YORK
 ; STATE: NY
 ; COUNTRY: USA
 ; ZIP: 10036-2711

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/621,914A
 ; FILING DATE: 26-MAR-1996
 ; CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 ; NAME: LAWRENCE III, STANTON T.
 ; REGISTRATION NUMBER: 25,736
 ; REFERENCE/DOCKET NUMBER: 7005-107-999
 ; TELEPHONE: (212) 790-9090
 ; TELEFAX: (212) 869-9741
 ; TELEX: 66141 PENNIE
 ; INFORMATION FOR SEQ ID NO: 16:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: unknown
 ; TOPOLOGY: unknown
 ; MOLECULE TYPE: other nucleic acid
 ; US-08-621-914A-16

Query Match 0.7%; Score 18; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726

DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 360

US-08-346-429-3
 ; Sequence 3, Application US/08346429
 ; Patent No. 5837820
 ; GENERAL INFORMATION:
 ; APPLICANT: DeRose, Richard
 ; APPLICANT: Douce, Roland
 ; APPLICANT: Duval, Manuel
 ; APPLICANT: Job, Claudette
 ; APPLICANT: Job, Dominique
 ; TITLE OF INVENTION: PROTEIN CAPABLE OF BEING BIOTINYLATED WHICH CAN
 ; TITLE OF INVENTION: BE USED FOR DETERMINING THE GERMINATION STAGE OF
 ; TITLE OF INVENTION: A SEED
 ; NUMBER OF SEQUENCES: 7
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: SCULLY SCOTT MURPHY & PRESSER
 ; STREET: 400 Garden City Plaza
 ; CITY: Garden City
 ; STATE: New York
 ; COUNTRY: USA

ZIP: 11530
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/346,429
 ; FILING DATE: 29-NOV-1994
 ; CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:
 ; NAME: DiGiglio, Frank S.
 ; REGISTRATION NUMBER: 31,346
 ; REFERENCE/DOCKET NUMBER: 9507
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 516-742-4343
 ; TELEFAX: 516-742-4366
 ; TELEX: 230 901 SANS UR
 ; INFORMATION FOR SEQ ID NO: 3:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: double
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: CDNA
 ; US-08-346-429-3

Query Match 0.7%; Score 18; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726

DB 1 AAAAAAAAAAAAAAAAAA 18

RESULT 361

US-08-358-556A-12/c
 ; Sequence 12, Application US/08358556A
 ; Patent No. 5869643
 ; GENERAL INFORMATION:
 ; APPLICANT: Chatelein, Francois
 ; APPLICANT: Kumarev, Viktor
 ; TITLE OF INVENTION: Process for Preparing Polynucleotides on
 ; TITLE OF INVENTION: a Solid Support and Apparatus Permitting its
 ; TITLE OF INVENTION: Implementation
 ; NUMBER OF SEQUENCES: 31
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Jacobson, Price, Holman & Stern
 ; STREET: 400 Seventh St. N.W.
 ; CITY: Washington D.C
 ; COUNTRY: U.S.A.
 ; ZIP: 20004

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/358,556A
 ; FILING DATE: 14-DEC-1994
 ; CLASSIFICATION: 536

PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: FR 9315164
 ; FILING DATE: 16-DEC-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Player, William E.
 ; REGISTRATION NUMBER: 31,409
 ; REFERENCE/DOCKET NUMBER: 10577/P58418
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (202) 638-6666
 ; TELEFAX: (202) 393-5350
 ; TELEX: RCA 248593 IDEA UR

```

; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; US-08-358-556A-12

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 362
US-08-358-556A-18
; Sequence 18, Application US/08358556A
; Patent No. 5869643
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; APPLICANT: Kumarev, Viktor
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; TITLE OF INVENTION: a Solid Support and Apparatus Permitting its
; TITLE OF INVENTION: Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; LENGTH: 18 base pairs
; SEQUENCE CHARACTERISTICS:
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS

; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; US-08-359-556A-18

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 363
US-08-469-852A-4/C
; Sequence 4, Application US/08469852A
; Patent No. 5874213
; GENERAL INFORMATION:
; APPLICANT: Cummins, Lendell L.
; APPLICANT: Freier, Susan M.
; APPLICANT: Griffey, Richard
; APPLICANT: Srivatsa, Susan G.
; TITLE OF INVENTION: Capillary Electrophoretic Detection of
; TITLE OF INVENTION: Nucleic Acids
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5874213ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,852A
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/295,509
; FILING DATE: 24-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: 1SIS-2015
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-469-852A-4

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 364
US-08-295-509B-4/C
; Sequence 4, Application US/08295509B
; Patent No. 6045995
; GENERAL INFORMATION:
; APPLICANT: Cummins, Lendell L.
; NAME/KEY: CDS
```

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; APPLICANT: Freier, Susan M.
; APPLICANT: Griffey, Richard
; APPLICANT: Srivatsa, Susan G.
; TITLE OF INVENTION: Capillary Electrophoretic Detection of
; Nucleic Acids
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. 6045995ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/295.509B
; FILING DATE: 24-AUG-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael P. Straher
; REGISTRATION NUMBER: 38,325
; REFERENCE/DOCKET NUMBER: ISIS-1395
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-295-509B-4

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Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

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RESULT 365
US-08-884-029-9/c
; Sequence 9, Application US/08884029
; Patent No. 6071745
; GENERAL INFORMATION:
; APPLICANT: Lin, Ching-I Patsy
; APPLICANT: Wallace, Robert Bruce
; APPLICANT: Cosman, Jeffrey
; APPLICANT: French, Cynthia
; TITLE OF INVENTION: Lyophilization of Cultured Human Cells
; TITLE OF INVENTION: to Preserve RNA and DNA
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/884,029
; FILING DATE: 27-JUN-1997

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; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Parent, Annette S.
; REGISTRATION NUMBER: 42,058
; REFERENCE/DOCKET NUMBER: 02558B-059100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13..18
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "t at positions 13-18 may be
; OTHER INFORMATION: present or absent"
; US-08-884-029-9

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Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

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RESULT 366
US-08-941-445A-30
; Sequence 30, Application US/08941445A
; Patent No. 6107060
; GENERAL INFORMATION:
; APPLICANT: Keeling, Peter
; APPLICANT: Guan, Hanping
; TITLE OF INVENTION: Starch Encapsulation
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle
; CITY: Boulder
; STATE: CO
; COUNTRY: US
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/941,445A
; FILING DATE: 30-SEP-1997
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/026,855
; FILING DATE: 30-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Winner, Ellen P
; REGISTRATION NUMBER: 28,547
; REFERENCE/DOCKET NUMBER: 89-97
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: not relevant

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iss.res

Tue Nov 7 10:41:33 2006

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; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; US-08-941-445A-30

Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 367
US-09-545-225-9/c
; Sequence 9, Application US/09545225
; Patent No. 6410321
; GENERAL INFORMATION:
; APPLICANT: Lin, Ching-I Patsy
; Wallace, Robert Bruce
; Coesman, Jeffrey
; French, Cynthia
; TITLE OF INVENTION: Lyophilization of Cultured Human Cells
; TO Preserve RNA and DNA
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/545,225
; FILING DATE: 07-Apr-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/884,029
; FILING DATE: 27-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Parent, Annette S.
; REGISTRATION NUMBER: 42,058
; REFERENCE/DOCKET NUMBER: 02558B-059100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13..18
; OTHER INFORMATION: /mod_base= OTHER
; /note= "t at positions 13-18 may be
; present or absent"
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-545-225-9      0.7%; Score 18; DB 1; Length 18;
Query Match          100.0%; Pred. No. 2.5e+02;
Best Local Similarity 100.0%; Mismatches 0; Indels 0; Gaps 0;
Matches 18; Conservative 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 1 AAAAAAAAAAAAAAAAAA 18

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```

Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 368
US-09-619-103-24
; Sequence 24, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR FILING DATE: 1999-07-27
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-24

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Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 1 AAAAAAAAAAAAAAAAAA 18

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RESULT 369
US-09-370-541-14/c
; Sequence 14, Application US/09370541
; Patent No. 6639062
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric
; FILE REFERENCE: ISIS3993
; CURRENT APPLICATION NUMBER: US/09/370,541
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 09/130,973
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 09/016,520
; EARLIER FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
; EARLIER FILING DATE: 1997-02-14
; EARLIER APPLICATION NUMBER: 09/344,260
; EARLIER FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: sequence
US-09-370-541-14

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Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 370

US-10-125-295-9/c
; Sequence 9, Application US/10125295
; Patent No. 6686460
; GENERAL INFORMATION:
; APPLICANT: Lin, Ching-I Patsy
; Wallace, Robert Bruce
; Cossman, Jeffrey
; French, Cynthia
; TITLE OF INVENTION: Lyophilization of Cultured Human Cells
; to Preserve RNA and DNA

NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/125,295
FILING DATE: 17-Apr-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/545,225
FILING DATE: 07-Apr-2000
APPLICATION NUMBER: US 08/884,029
FILING DATE: 27-JUN-1997

ATTORNEY/AGENT INFORMATION:
NAME: Parent, Annette S.
REGISTRATION NUMBER: 42,058
REFERENCE/DOCKET NUMBER: 02558B-059100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

FEATURE:
NAME/KEY: modified_base
LOCATION: 13..18
OTHER INFORMATION: /mod_base= OTHER
/note= "t at positions 13-18 may be
present or absent"

SEQUENCE DESCRIPTION: SEQ ID NO: 9:

US-10-125-295-9

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 371

US-09-803-263-6
; Sequence 6, Application US/09803263

; Patent No. 6706476
; GENERAL INFORMATION:
; APPLICANT: Thirstrup, Kenneth
; TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'

; TITLE OF INVENTION: Adapter Mediated Amplification
; FILE REFERENCE: 674513-2003.1
; CURRENT APPLICATION NUMBER: US/09/803,263
; CURRENT FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Poly-a tail
US-09-803-263-6

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 372

US-09-803-263-7/c

; Sequence 7, Application US/09803263
; Patent No. 6706476
; GENERAL INFORMATION:
; APPLICANT: Thirstrup, Kenneth
; TITLE OF INVENTION: A Process for Amplifying and Labeling Single Stranded cDNA by 5'

; TITLE OF INVENTION: Adapter Mediated Amplification
; FILE REFERENCE: 674513-2003.1
; CURRENT APPLICATION NUMBER: US/09/803,263
; CURRENT FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Complement of poly-a tail
US-09-803-263-7

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 373

US-09-142-108C-27/c

; Sequence 27, Application US/09142108C
; Patent No. 6774285
; GENERAL INFORMATION:
; APPLICANT: Bruggiera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/09/142,108C
; CURRENT FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 373

US-09-142-108C-27/c

; Sequence 27, Application US/09142108C
; Patent No. 6774285
; GENERAL INFORMATION:
; APPLICANT: Bruggiera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/09/142,108C
; CURRENT FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 373

US-09-142-108C-27/c

; Sequence 27, Application US/09142108C
; Patent No. 6774285
; GENERAL INFORMATION:
; APPLICANT: Bruggiera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/09/142,108C
; CURRENT FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 373

US-09-142-108C-27/c

; Sequence 27, Application US/09142108C
; Patent No. 6774285
; GENERAL INFORMATION:
; APPLICANT: Bruggiera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/09/142,108C
; CURRENT FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 373

US-09-142-108C-27/c

; Sequence 27, Application US/09142108C
; Patent No. 6774285
; GENERAL INFORMATION:
; APPLICANT: Bruggiera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/09/142,108C
; CURRENT FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 373

US-09-142-108C-27/c

; Sequence 27, Application US/09142108C
; Patent No. 6774285
; GENERAL INFORMATION:
; APPLICANT: Bruggiera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/09/142,108C
; CURRENT FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 373

US-09-142-108C-27/c

; Sequence 27, Application US/09142108C
; Patent No. 6774285
; GENERAL INFORMATION:
; APPLICANT: Bruggiera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/09/142,108C
; CURRENT FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 373

US-09-142-108C-27/c

; Sequence 27, Application US/09142108C
; Patent No. 6774285
; GENERAL INFORMATION:
; APPLICANT: Bruggiera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/09/142,108C
; CURRENT FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 373

US-09-142-108C-27/c

; Sequence 27, Application US/09142108C
; Patent No. 6774285
; GENERAL INFORMATION:
; APPLICANT: Bruggiera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/09/142,108C
; CURRENT FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 373

US-09-142-108C-27/c

; Sequence 27, Application US/09142108C
; Patent No. 6774285
; GENERAL INFORMATION:
; APPLICANT: Bruggiera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/09/142,108C
; CURRENT FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 373

US-09-142-108C-27/c

; Sequence 27, Application US/09142108C
; Patent No. 6774285
; GENERAL INFORMATION:
; APPLICANT: Bruggiera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/09/142,108C
; CURRENT FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 373

US-09-142-108C-27/c

; Sequence 27, Application US/09142108C
; Patent No. 6774285
; GENERAL INFORMATION:
; APPLICANT: Bruggiera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/09/142,108C
; CURRENT FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45

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; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-142-108C-27

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA-AAAAAAAAAAAA 2725
Db 18 TAAAAA-AAAAAAAAAAAAAA 1

RESULT 374
US-09-809-545A-84/c
; Sequence 84, Application US/09809545A
; Patent No. 6800455
; GENERAL INFORMATION:
; APPLICANT: Stanton, Lawrence W.
; APPLICANT: White, R. Tyler
; TITLE OF INVENTION: SECRETED FACTORS
; FILE REFERENCE: SCIOS.017A
; CURRENT APPLICATION NUMBER: US/09/809,545A
; CURRENT FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligos corresponding to polylinker sequence.
US-09-809-545A-84

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA-AAAAAAAAAAAA 2726
Db 18 AAAAAA-AAAAAAAAAAAAAA 1

RESULT 375
US-10-352-704-12/c
; Sequence 12, Application US/10352704
; Patent No. 6825339
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; APPLICANT: Kumarev, Viktor
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
a Solid Support and Apparatus Permitting its
Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; STATE: D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/352,704
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
```

```
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/POCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-10-352-704-12

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA-AAAAAAAAAAAA 2726
Db 18 AAAAAA-AAAAAAAAAAAAAA 1

RESULT 376
US-10-352-704-18
; Sequence 18, Application US/10352704
; Patent No. 6825339
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; APPLICANT: Kumarev, Viktor
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
a Solid Support and Apparatus Permitting its
Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; STATE: D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/352,704
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
```

; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-352-704-18

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 377
US-09-979-275A-7/c
; Sequence 7, Application US/09979275A
; Patent No. 6855803
; GENERAL INFORMATION:
; APPLICANT: NAGAI, HIROSHI
; APPLICANT: KURODA, KYOKO
; APPLICANT: NAKAJIMA, TERUMI
; TITLE OF INVENTION: NOVEL PROTEINS HAVING HEMOLYTIC ACTIVITY AND GENES
; TITLE OF INVENTION: ENCODING THE PROTEIN
; FILE REFERENCE: 037181.50611US
; CURRENT APPLICATION NUMBER: US/09/979,275A
; PRIOR FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/JP01/02209
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: JP 2000-78967
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides
US-09-979-275A-7

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 378
PCT-US94-05407-4/c

; Sequence 4, Application PC/TUS9405407
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: "NUCLEIC ACID TAGGED IMMUNOASSAY"
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NEEDLE & ROSENBERG, P.C.
; STREET: Suite 1200, 127 Peachtree Street
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/05407
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/061,694
; FILING DATE: 13-MAY-1993
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
PCT-US94-05407-4

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 379
US-09-435-806-7/c
; Sequence 7, Application US/09435806
; Patent No. 6653458
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Guinoso, Charles J.
; TITLE OF INVENTION: MODIFIED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4289
; CURRENT APPLICATION NUMBER: US/09/435,806
; CURRENT FILING DATE: 1999-11-08
; PRIOR APPLICATION NUMBER: US 09/115,043
; PRIOR FILING DATE: 1998-07-14
; PRIOR APPLICATION NUMBER: US 08/602,862
; PRIOR FILING DATE: 1996-02-28
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n = uracil
US-09-435-806-7

Query Match 0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Tue Nov 7 10:41:33 2006

| | | |
|----|-----------------------------------------------------------|-----------------------------------------------------|
| | NAME: Fedrick, Michael F. | |
| | REGISTRATION NUMBER: 36,799 | |
| | REFERENCE/DOCKET NUMBER: NIH034.001QPC | |
| | TELEPHONE: 714-760-0404 | |
| | TELEFAX: 714-760-9502 | |
| | INFORMATION FOR SEQ ID NO: 1: | |
| | SEQUENCE CHARACTERISTICS: | |
| | LENGTH: 22 base pairs | |
| | TYPE: nucleic acid | |
| | STRANDEDNESS: single | |
| | TOPOLOGY: linear | |
| | MOLECULE TYPE: CDNA | |
| | HYPOTHETICAL: NO | |
| | ANTI-SENSE: NO | |
| | FRAGMENT TYPE: | |
| | ORIGINAL SOURCE: | |
| | US-08-123-449A-1 | |
| | Query Match | 0.7%; Score 18; DB 1; Length 22; |
| | Best Local Similarity | 100.0%; Pred.No. 3e+02; |
| | Matches | 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0; |
| QY | 2709 AAAAAAAAAAAAAAAAAAAAAA 2726 | |
| | | |
| Db | 22 AAAAAAAAAAAAAAAAAAAAAA 5 | |
| | RESULT 382 | |
| | US-08-123-449A-2/c | |
| | ; Sequence 2, Application US/08123449A | |
| | ; Patent No. 5583032 | |
| | GENERAL INFORMATION: | |
| | APPLICANT: TORRENCE, PAUL | |
| | APPLICANT: ROBERT, SILVERMAN | |
| | APPLICANT: RATAN, MAITRA | |
| | APPLICANT: KRISTYNA, LESIAK | |
| | TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES | |
| | TITLE OF INVENTION: OF RNA | |
| | NUMBER OF SEQUENCES: 22 | |
| | CORRESPONDENCE ADDRESS: | |
| | ADDRESSEE: Knobbe, Martens, Olson and Bear | |
| | STREET: 620 Newport Center Drive | |
| | CITY: Newport Beach | |
| | STATE: CA | |
| | COUNTRY: USA | |
| | ZIP: 92660 | |
| | COMPUTER READABLE FORM: | |
| | MEDIUM TYPE: Diskette | |
| | COMPUTER: IBM Compatible | |
| | OPERATING SYSTEM: DOS version | |
| | SOFTWARE: FastSeq Version 1.0 | |
| | CURRENT APPLICATION DATA: | |
| | APPLICATION NUMBER: US/08/123.449A | |
| | FILING DATE: | |
| | PRIOR APPLICATION DATA: | |
| | APPLICATION NUMBER: PCT/US93/10103 | |
| | FILING DATE: 10-OCT-1993 | |
| | ATTORNEY/AGENT INFORMATION: | |
| | NAME: Fedrick, Michael F. | |
| | REGISTRATION NUMBER: 36,799 | |
| | REFERENCE/DOCKET NUMBER: NIH034.001QPC | |
| | TELEPHONE: 714-760-0404 | |
| | TELEFAX: 714-760-9502 | |
| | INFORMATION FOR SEQ ID NO: 2: | |
| | SEQUENCE CHARACTERISTICS: | |
| | LENGTH: 22 base pairs | |
| | TYPE: nucleic acid | |
| | STRANDEDNESS: single | |
| | TOPOLOGY: linear | |
| | MOLECULE TYPE: CDNA | |
| | HYPOTHETICAL: NO | |
| | Query Match | 0.7%; Score 18; DB 1; Length 19; |
| | Best Local Similarity | 100.0%; Pred.No. 2.6e+02; |
| | Matches | 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0; |
| QY | 2709 AAAAAAAAAAAAAAAAAAAAAA 2726 | |
| | | |
| Db | 2 AAAAAAAAAAAAAAAAAAAAAA 19 | |
| | RESULT 381 | |
| | US-08-123-449A-1/c | |
| | ; Sequence 1, Application US/08123449A | |
| | ; Patent No. 5583032 | |
| | GENERAL INFORMATION: | |
| | APPLICANT: TORRENCE, PAUL | |
| | APPLICANT: ROBERT, SILVERMAN | |
| | APPLICANT: RATAN, MAITRA | |
| | APPLICANT: KRISTYNA, LESIAK | |
| | TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES | |
| | TITLE OF INVENTION: OF RNA | |
| | NUMBER OF SEQUENCES: 22 | |
| | CORRESPONDENCE ADDRESS: | |
| | ADDRESSEE: Knobbe, Martens, Olson and Bear | |
| | STREET: 620 Newport Center Drive | |
| | CITY: Newport Beach | |
| | STATE: CA | |
| | COUNTRY: USA | |
| | ZIP: 92660 | |
| | COMPUTER READABLE FORM: | |
| | MEDIUM TYPE: Diskette | |
| | COMPUTER: IBM Compatible | |
| | OPERATING SYSTEM: DOS version | |
| | SOFTWARE: FastSeq Version 1.0 | |
| | CURRENT APPLICATION DATA: | |
| | APPLICATION NUMBER: US/08/123.449A | |
| | FILING DATE: | |
| | PRIOR APPLICATION DATA: | |
| | APPLICATION NUMBER: PCT/US93/10103 | |
| | FILING DATE: 10-OCT-1993 | |
| | ATTORNEY/AGENT INFORMATION: | |

; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
US-08-123-449A-2

Query Match 0.7%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 3e+02; Indels 0;
Matches 18; Conservative 0; Mismatches 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 22 AAAAAAAAAAAAAAAAAA 5

RESULT 383

US-08-458-050-1/c
; Sequence 1, Application US/08458050
; Patent No. 5677289
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MAITRA
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,050
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/123,449
; FILING DATE: 17-SEP-1993
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fedrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.001QPC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
US-08-458-050-1

Query Match 0.7%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 22 AAAAAAAAAAAAAAAAAA 5

Db 22 AAAAAAAAAAAAAAAAAA 5

RESULT 384

US-08-458-050-2/c
; Sequence 2, Application US/08458050
; Patent No. 5677289
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MAITRA
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/458,050
; FILING DATE: 01-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/123,449
; FILING DATE: 17-SEP-1993
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fedrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.001QPC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
US-08-458-050-2

Query Match 0.7%; Score 18; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 22 AAAAAAAAAAAAAAAAAA 5

RESULT 385

US-08-950-196-1/c
; Sequence 1, Application US/08950196
; Patent No. 6271369
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MAITRA

```

;
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; TITLE OF INVENTION: OF RNA
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/950,196
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,449
; FILING DATE:
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fedrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.001QPC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-950-196-2
;
; Query Match 0.7%; Score 18; DB 1; Length 22;
; Best Local Similarity 100.0%; Pred. No. 3e+02;
; Matches 18; Conservative 0; Mismatches 0; Indels 0;
;
; QY 2709 AAAAAAAAAAAAAAAA 2726
; Db 22 AAAAAAAAAAAAAAAA 5
;
; RESULT 387
; US-08-973-857-6/c
; Sequence 6, Application US/08973857
; Patent No. 6221584
; GENERAL INFORMATION:
; APPLICANT: EMRICH, Thomas
; APPLICANT: LEYING, Hermann
; APPLICANT: HINZPETER, Matthias
; APPLICANT: KARL, Gerlinde
; TITLE OF INVENTION: METHOD FOR THE DETECTION OF
; POLYMERASE ACTIVITY
; TITLE OF INVENTION: POLYMERASE ACTIVITY
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nikaido, Marmelstein, Murray & Oram LLP
; STREET: 655 Fifteenth St., NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/973,857
; FILING DATE: 29-DEC-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP96/05245
; FILING DATE: 11-AUG-1997
; PRIOR APPLICATION DATA:
;
;
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; TITLE OF INVENTION: OF RNA
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS version
; SOFTWARE: FastSeq Version 1.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/950,196
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/123,449
; FILING DATE:
; APPLICATION NUMBER: PCT/US93/10103
; FILING DATE: 10-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Fedrick, Michael F.
; REGISTRATION NUMBER: 36,799
; REFERENCE/DOCKET NUMBER: NIH034.001QPC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-950-196-1
;
; Query Match 0.7%; Score 18; DB 1; Length 22;
; Best Local Similarity 100.0%; Pred. No. 3e+02;
; Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 2709 AAAAAAAAAAAAAAAA 2726
; Db 22 AAAAAAAAAAAAAAAA 5
;
; RESULT 386
; US-08-950-196-2/c
; Sequence 2, Application US/08950196
; Patent No. 6271369
; GENERAL INFORMATION:
; APPLICANT: TORRENCE, PAUL
; APPLICANT: ROBERT, SILVERMAN
; APPLICANT: RATAN, MAITRA
; APPLICANT: KRISTYNA, LESIAK
; TITLE OF INVENTION: METHOD OF CLEAVING SPECIFIC SEQUENCES
; TITLE OF INVENTION: OF RNA
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson and Bear
; STREET: 620 Newport Center Drive
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:

```

; APPLICATION NUMBER: DE 19544317.9
; FILING DATE: 28-NOV-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DE 19644302.4
; FILING DATE: 24-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Berman, Richard J.
; REGISTRATION NUMBER: 39,107
; REFERENCE/DOCKET NUMBER: P564-7031
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-5000
; TELEFAX: (202) 638-4810
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-973-857-6

Query Match 0.6%; Score 17.6; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 2.9e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAATAAAAAAAAAAAAAA 2725
DB 18 KAAAAAAGAAAAA 1

RESULT 388
US-08-108-591B-4
; Sequence 4, Application US/08108591B
; Patent No. 6395474
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/08/108,591B
; CURRENT FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6395474el Sequence
US-08-108-591B-4

Query Match 0.6%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAGAAAAA 2727
DB 1 AAAAAAAGAAAAA 19

RESULT 389
US-08-468-719A-4
; Sequence 4, Application US/08468719A
; Patent No. 6710163
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter E.
; APPLICANT: Berg, Rolf H.
; TITLE OF INVENTION: PEPTIDE NUCLEIC ACIDS SYNTHONS
; FILE REFERENCE: ISPS-1999
; CURRENT APPLICATION NUMBER: US/08/468,719A

; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: US 08/108,591
; FILING DATE: 1993-11-22
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-08-468-719A-4

Query Match 0.6%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAGAAAAA 2727
DB 1 AAAAAAAGAAAAA 19

RESULT 390
US-08-462-977B-4
; Sequence 4, Application US/08462977B
; Patent No. 6713602
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS-1993
; CURRENT APPLICATION NUMBER: US/08/462,977B
; CURRENT FILING DATE: 1995-06-05
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6713602el Sequence
US-08-462-977B-4

Query Match 0.6%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 3.1e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAGAAAAA 2727
DB 1 AAAAAAAGAAAAA 19

RESULT 391
US-08-656-838-6/c
; Sequence 6, Application US/08656838
; Patent No. 5989914
; GENERAL INFORMATION:
; APPLICANT: Gagne, Marc
; APPLICANT: Sizard, Marc-Andre
; APPLICANT: Pothier, Francois
; TITLE OF INVENTION: Integration Cassette for Improvement of
; TITLE OF INVENTION: Transgenesis in Eukaryotes
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
; STREET: P.O. Box 747
; CITY: Falls Church
; STATE: Virginia

```

COUNTRY: USA
ZIP: 22040-3487
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/656,838
FILING DATE: 03-JUN-1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Murphy Jr., Gerald M.
REGISTRATION NUMBER: 28,977
REFERENCE/DOCKET NUMBER: 1912-141P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-205-8000
TELEFAX: 703-205-8050
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "oligonucleotide primer
DESCRIPTION: KC-1"
HYPOTHETICAL: NO
US-08-656-838-6

Query Match 0.6%; Score 17.4; DB 1; Length 21;
Beat Local Similarity 94.7%; Pred.No.3.3e-02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 275 ATTGAGCAATTGGGAGG 293
DB 19 ATTGAGCAATTGGCAGG 1

RESULT 392
US-09-130-079-1
Sequence 1, Application US/09130079
Patent No. 6,270,966
GENERAL INFORMATION:
APPLICANT: The United States of America, as represented by the
Applicant: Secretary, Department of Health and Human Services
TITLE OF INVENTION: RESTRICTION DISPLAY (RD-PCR) OF DIFFERENTIALLY EXPRESS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSES: Knobbe, Martens, Olson & Bear
STREET: 620 Newport Center Drive, 16th Floor
CITY: Newport Beach
STATE: CA
COUNTRY: USA
ZIP: 92660
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/130,079
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/011/379
FILING DATE: 09-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Kirkpatrick, Anita M
REGISTRATION NUMBER: 32,617
REFERENCE/DOCKET NUMBER: NIH108.001VPC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-235-8550

```



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; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-851-843A-132

Query Match      0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 394
US-09-250-075-5/c
; Sequence 5, Application US/09250075
; Patent No. 6207819
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of
; FILE REFERENCE: ISIS3299
; CURRENT APPLICATION NUMBER: US/09/250,075
; CURRENT FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); modified linkage
; OTHER INFORMATION: Description of Artificial Sequence: No. 6207819el
US-09-250-075-5

Query Match      0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 395
US-08-854-050-132/c
; Sequence 132, Application US/08854050
; Patent No. 6261836
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6261836el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/430,323
;

Query Match      0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 396
US-09-430-323-132/c
; Sequence 132, Application US/09430323
; Patent No. 6309867
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6309867el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/430,323

```

iss.res

Tue Nov 7 10:41:33 2006

```

; Sequence 5, Application US/09726096A
; Patent No. 6462184
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Back
; TITLE OF INVENTION: Oligomeric Compounds
; FILE REFERENCE: ISIS4528
; CURRENT APPLICATION NUMBER: US/09/726,096A
; CURRENT FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)-(19)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
; OTHER INFORMATION: internucleoside linkage
; US-09-726-096A-5

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02; 0; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
DB 17 AAAAAAAAAAAAAAAAAA 1

RESULT 399
US-09-766-253-132/c
; Sequence 132, Application US/09766253
; Patent No. 6808880
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. 6808880el Telomerase
; NUMBER OF SEQUENCES: 171
; CORRESPONDENCE ADDRESS:
; ADDRESS: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/766,253
; FILING DATE: 19-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/846,017
; FILING DATE: 1997-04-25
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-09-430-323-132

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02; 0; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
DB 17 AAAAAAAAAAAAAAAAAA 1

RESULT 397
US-09-619-103-23
; Sequence 23, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 500367/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
; US-09-619-103-23

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02; 0; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
DB 1 AAAAAAAAAAAAAAAAAA 17

RESULT 398
US-09-726-096A-5/c

```

```
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-09-766-253-132

Query Match          0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 400
US-10-054-295-132/c
; Sequence 132, Application US/10054295
; Patent No. 6921664
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; LINGNER, JOACHIM
; NAKAMURA, TORU
; CHAPMAN, KAREN B.
; MORIN, GREGG B.
; HARLEY, CALVIN
; ANDREWS, WILLIAM H.
; TITLE OF INVENTION: No. 6921664el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/054,295
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/854,050
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```

```
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-054-295-132

Query Match          0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 401
US-09-438-486A-132/c
; Sequence 132, Application US/09438486A
; Patent No. 6927285
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; LINGNER, JOACHIM
; NAKAMURA, TORU
; CHAPMAN, KAREN B.
; MORIN, GREGG B.
; HARLEY, CALVIN
; ANDREWS, WILLIAM H.
; TITLE OF INVENTION: GENE FOR HUMAN TELOMERASE REVERSE TRANSCRIPTASE AND
; FILE REFERENCE: 018/062
; CURRENT APPLICATION NUMBER: US/09/438,486A
; CURRENT FILING DATE: 1999-11-12
; PRIOR APPLICATION NUMBER: 08/851,843
; PRIOR FILING DATE: 1997-05-06
; PRIOR APPLICATION NUMBER: 08/846,017
; PRIOR FILING DATE: 1997-04-25
; PRIOR APPLICATION NUMBER: 08/844,419
; PRIOR FILING DATE: 1997-04-18
; PRIOR APPLICATION NUMBER: 08/724,643
; PRIOR FILING DATE: 1996-10-01
; NUMBER OF SEQ ID NOS: 223
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 132
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-09-438-486A-132

Query Match          0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 402
US-10-054-611-132/c
; Sequence 132, Application US/10054611
; Patent No. 7005262
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; LINGNER, JOACHIM
; NAKAMURA, TORU
; CHAPMAN, KAREN B.
; MORIN, GREGG B.
; HARLEY, CALVIN
; ANDREWS, WILLIAM H.
; TITLE OF INVENTION: No. 7005262el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
```

CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA: US/10/054,611
APPLICATION NUMBER: US/10/054,611
FILING DATE: 18-Jan-2002
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/854,050
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 132:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 132:
MS-10-054-611-132

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US-10-054-611-132

Query Match      0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAA 2725
Db      17 AAAAAAAAAAAAAAAAAA 1
|||||

RESULT 403
US-10-156-306B-6897/c
; Sequence 6897, Application US/10156306B
; Patent No. 7022828
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306B
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 6897
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306B-6897

Query Match      0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred.No.3e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2535 GGCCTTGCTCCTCAGCCA 2551
|||||

```

; Sequence 100, Application US/09780045
; Patent No. 6602713
; GENERAL INFORMATION:

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B
; FILE REFERENCE: RTS-0130
; CURRENT APPLICATION NUMBER: US/09/780,045
; CURRENT FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 100
; LENGTH: 20

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-780-045-100

Query Match 0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.6e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 405 CGCGGGCGCGCGCGGCC 424
Db 1 CAGCGGGCAGCGCGGCC 20

RESULT 407

US-08-704-966-7/c
; Sequence 7, Application US/08704966
; Patent No. 6013523

; GENERAL INFORMATION:
; APPLICANT: Adam, Michael J.
; APPLICANT: Rocheleau, Thomas A.
; APPLICANT: Merlo, Donald
; APPLICANT: Murray, Elizabeth E.
; TITLE OF INVENTION: Synthetic Insecticidal Crystal Protein
; TITLE OF INVENTION: Gene
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 1000 Legion Place, Suite 1750
; CITY: Orlando
; STATE: Florida
; COUNTRY: USA
; ZIP: 32801

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/704,966
; FILING DATE: 29-AUG-1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/369,839
; FILING DATE: 06-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/057,191
; FILING DATE: 03-MAY-1993

; APPLICATION NUMBER: US 07/827,844
; FILING DATE: 28-JAN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/242,482
; FILING DATE: 09-SEP-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Lloyd, Jeff
; REGISTRATION NUMBER: 35,589
; REFERENCE/DOCKET NUMBER: MPS 8-88AFD3
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 407-426-7500
; TELEFAX: 407-839-8589
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-704-966-7

Query Match 0.6%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2707 CTAAGAAAAA 2726
Db 20 CTGCAAAAAA 1

RESULT 408

US-08-705-438-7/c
; Sequence 7, Application US/08705438
; Patent No. 6015891

; GENERAL INFORMATION:
; APPLICANT: Adam, Michael J.
; APPLICANT: Rocheleau, Thomas A.
; APPLICANT: Merlo, Donald
; APPLICANT: Murray, Elizabeth E.
; TITLE OF INVENTION: Synthetic Insecticidal Crystal Protein
; TITLE OF INVENTION: Gene
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Saliwanchik, Lloyd & Saliwanchik
; STREET: 1000 Legion Place, Suite 1750
; CITY: Orlando
; STATE: Florida
; COUNTRY: USA
; ZIP: 32801

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/705,438
; FILING DATE: 29-AUG-1996
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/369,839
; FILING DATE: 06-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/057,191
; FILING DATE: 03-MAY-1993
; APPLICATION NUMBER: US 07/827,844
; FILING DATE: 28-JAN-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/242,482
; FILING DATE: 09-SEP-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Lloyd, Jeff
; REGISTRATION NUMBER: 35,589
; REFERENCE/DOCKET NUMBER: MPS 8-88AFD4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 407-426-7500
; TELEFAX: 407-839-8589
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

iss.res

Tue Nov 7 10:41:33 2006

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; MOLECULE TYPE: DNA (genomic)
US-08-705-438-7

Query Match          0.6%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.8e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2707 CTAAAAA-311-6/c
Db 20 CTGCAAAAAA-311-6/c

RESULT 409
US-09-637-751A-6/c
; Sequence 6, Application US/09637751A
; Patent No. 6383754
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/637,751A
; CURRENT FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-637-751A-6

Query Match          0.6%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2706 ACTAAAAA-311-7/c
Db 18 ACAAAAAA-311-7/c

RESULT 410
US-09-637-751A-7/c
; Sequence 7, Application US/09637751A
; Patent No. 6383754
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/637,751A
; CURRENT FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-637-751A-7

Query Match          0.6%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2708 TAAAAA-311-6/c
Db 18 TCAAAAA-311-6/c

RESULT 411
US-09-994-311-6/c
; Sequence 6, Application US/09994311
; Patent No. 6773886
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/994,311
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-6

Query Match          0.6%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2706 ACTAAAAA-311-7/c
Db 18 ACAAAAAA-311-7/c

RESULT 412
US-09-994-311-7/c
; Sequence 7, Application US/09994311
; Patent No. 6773886
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/994,311
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-7

Query Match          0.6%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: 5-fluoro-2'-deoxyuridine
OTHER INFORMATION: substitution
US-07-971-978-36
Query Match 0.6%; Score 16; DB 1; Length 16;
Best local Similarity 100.0%; Pred.No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
DB 16 AAAAAAAAAAAAAA 1

RESULT 417
US-07-971-978-42/c
; Sequence 42, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; TITLE OF INVENTION: Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSES: Woodcock Washburn Kurtz Mackiewicz and
; ADDRESSES: No. 5614617rie
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439

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; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 5
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 9
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 11
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 15
; OTHER INFORMATION: 5-bromo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; US-07-971-978-42
;
; Query Match 0.6%, Score 16; DB 1; Length 16;
; Best Local Similarity 100.0%; Pred. No. 3.6e+02;
; Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 2709 AAAAAAAAAAAAAA 2724
; DB 16 AAAAAAAAAAAAAA 1
;
; RESULT 418
; US-07-971-978-60/c
; Sequence 60, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; TITLE OF INVENTION: Gene Expression
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; ADDRESSEE: NO. 5614617ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: 5-iodo-2'-deoxyuridine
; OTHER INFORMATION: substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: 5-iodo-2'-deoxyuridine
; OTHER INFORMATION: substitution
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Tue Nov 7 10:41:33 2006

OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: 5-iodo-2'-deoxyuridine
OTHER INFORMATION: substitution
US-07-971-978-60 0.6%; Score 16; DB 1; Length 16;
Query Match
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2724

Db 16 AAAAAAAAAAAAAA 1

RESULT 419
US-08-415-370-2/c
; Sequence 2, Application US/08415370
; Patent No. 5801155
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; APPLICANT: Lukhtanov, Eugeny A.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Meyer, Jr., Rich B.
; TITLE OF INVENTION: COVALENTLY LINKED OLIGONUCLEOTIDE MINOR
; TITLE OF INVENTION: GROOVE BINDER CONJUGATES
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KLEIN & SZEKERES
; STREET: 4199 Campus Drive, Suite 700
; CITY: Irvine
; STATE: CA
; COUNTRY: USA
; ZIP: 92715
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/415,370
; FILING DATE: 03-APR-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Szekeres, Gabor L.
; REGISTRATION NUMBER: 28,675
; REFERENCE/DOCKET NUMBER: 491-09-PA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-854-4897
; TELEFAX: 714-854-5502
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-415-370-2

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAA 1

RESULT 420
US-08-687-551-15/c
; Sequence 15, Application US/08687551
; Patent No. 5856435
; GENERAL INFORMATION:
; APPLICANT: BAZILE, Didier
; APPLICANT: EMILE, Carole
; APPLICANT: HELENE, Claude
; APPLICANT: SPENLEHAUER, Gilles
; TITLE OF INVENTION: NUCLEIC ACID-CONTAINING COMPOSITION, ITS
; TITLE OF INVENTION: PREPARATION AND USE
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Inc.
; STREET: 500 Arcola Rd. 3C43
; CITY: Collegeville
; STATE: PA

```

; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/687,551
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 94/01381
; FILING DATE: 08-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/FR95/00098
; FILING DATE: 27-JAN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith Ph.D., Julie K.
; REGISTRATION NUMBER: 38,619
; REFERENCE/DOCKET NUMBER: ST94007-US
; TELEPHONE: (610)454-3839
; TELEFAX: (610)454-3808
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "oligonucleotide"
; US-08-687-551-15

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAA 1

RESULT 421
US-09-141-764-2/c
; Sequence 2, Application US/09141764
; Patent No. 6084102
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; APPLICANT: Lukhtanov, Eugeny A.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Meyer, Jr., Rich B.
; TITLE OF INVENTION: COVALENTLY LINKED OLIGONUCLEOTIDE
; TITLE OF INVENTION: MINOR
; TITLE OF INVENTION: GROOVE BINDER CONJUGATES
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: KLEIN & SZEKERES
; STREET: 4199 Campus Drive, Suite 700
; CITY: Irvine
; STATE: CA
; COUNTRY: USA
; ZIP: 92715
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/141,764
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Szekeres, Gabor L.
; REGISTRATION NUMBER: 28,675
; REFERENCE/DOCKET NUMBER: 491-09-PA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-854-5502
; TELEFAX: 714-854-4897
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-141-764-2

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAA 1

RESULT 422
US-08-851-843A-131
; Sequence 131, Application US/08851843A
; Patent No. 6093809
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. 6093809el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/851,843A
; FILING DATE: 06-MAY-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:

```

TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-854-050-131

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
DB 1 AAAAAAAAAAAAAAAAAA 16

RESULT 424
US-09-430-323-131
Sequence 131, Application US/09430323
Patent No. 6309867
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. 6309867el Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/430,323
FILING DATE: 29-Oct-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-09-430-323-131

TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-851-843A-131

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
DB 1 AAAAAAAAAAAAAAAAAA 16

RESULT 423
US-08-854-050-131
Sequence 131, Application US/08854050
Patent No. 6261836
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. 6261836el Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/854,050
FILING DATE: 09-MAY-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 131:

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Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
Db 1 AAAAAAAAAAAAAA 16

RESULT 425
US-09-507-345A-2/c
; Sequence 2, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-507-345A-2

Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAA 1

RESULT 426
US-09-619-103-22
; Sequence 22, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
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; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-22

Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
Db 1 AAAAAAAAAAAAAA 16

RESULT 427
US-09-739-928-2/c
; Sequence 2, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; APPLICATION NUMBER: US 09/507,345
; FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
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Tue Nov 7 10:41:33 2006

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;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-739-928-2

Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
    |||||
Db 16 AAAAAAAAAAAAAAAAAA 1

RESULT 428
US-09-958-610A-1
; Sequence 1, Application US/09958610A
; Patent No. 6756492
; GENERAL INFORMATION:
; APPLICANT: Beier, Markus
; APPLICANT: Honelsel, Jorg
; TITLE OF INVENTION: Nucleoside Derivatives with Photolabile Protective Groups
; FILE REFERENCE: 03528.0135.PCUS00
; CURRENT APPLICATION NUMBER: US/09/958,610A
; CURRENT FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: PCT/DE00/011448
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: DE 100 03 631.7
; PRIOR FILING DATE: 2000-01-28
; PRIOR APPLICATION NUMBER: DE 199 15. 867.3
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-958-610A-1

Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
    |||||
Db 1 AAAAAAAAAAAAAAAAAA 16

RESULT 429
US-09-895-585-9/c
; Sequence 9, Application US/09895585
; Patent No. 6759039
; GENERAL INFORMATION:
; APPLICANT: Tsang, Wen-Ghih
; APPLICANT: Zheng, Tianli
; APPLICANT: Huang, Chang Jiang
; APPLICANT: AmCyt, Inc.
; TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,
; FILE REFERENCE: 021164-000100US
; CURRENT APPLICATION NUMBER: US/09/895,585
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: US 60/215,634
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 60/246,306
; PRIOR FILING DATE: 2000-11-06
; PRIOR APPLICATION NUMBER: US 60/291,787
; PRIOR FILING DATE: 2001-05-17
; NUMBER OF SEQ ID NOS: 9

; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo-(dT)-16
US-09-895-585-9

Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
    |||||
Db 16 AAAAAAAAAAAAAAAAAA 1

RESULT 430
US-09-152-059-70/c
; Sequence 70, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 70
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-70

Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
    |||||
Db 16 AAAAAAAAAAAAAAAAAA 1

RESULT 431
US-09-766-253-131
; Sequence 131, Application US/09766253
; Patent No. 680880
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingnet, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
```

Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. 680880el Telomerase
NUMBER OF SEQUENCES: 171
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/766,253
FILING DATE: 19-Jan-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/846,017
FILING DATE: 1997-04-25
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002920US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-09-766-253-131

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
|||||
Db 1 AAAAAAAAAAAAAA 16

RESULT 432
US-10-203-780-9/c
Sequence 9, Application US/10203780
Patent No. 6861515
GENERAL INFORMATION:
APPLICANT: CUZIN, MARC
APPLICANT: PELTIE, PHILIPPE
APPLICANT: FONTECAVE, MARC
APPLICANT: DECOUT, JEAN-LUC
APPLICANT: DUEYMES, CECILE
TITLE OF INVENTION: ANALYSIS OF BIOLOGICAL TARGETS USING A BIOCHIP COMPRISING A FLUOR
FILE OF INVENTION: MARKER
FILE REFERENCE: 226286USOXPCT
CURRENT APPLICATION NUMBER: US/10/203,780
CURRENT FILING DATE: 2002-11-25
PRIOR APPLICATION NUMBER: PCT/FR01/00516
PRIOR FILING DATE: 2001-02-22
PRIOR APPLICATION NUMBER: FR 00 02236
PRIOR FILING DATE: 2000-02-23
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn version 3.1
SEQ ID NO 9
LENGTH: 16

TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: SYNTHETIC DNA
FEATURE:
NAME/KEY: modified base
LOCATION: (1)..(1)
OTHER INFORMATION: t is modified with a covalent linkage to flavin
US-10-203-780-9
Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2709 AAAAAAAAAAAAAA 2724
|||||
Db 16 AAAAAAAAAAAAAA 1
RESULT 433
US-10-054-295-131
Sequence 131, Application US/10054295
Patent No. 6921664
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: No. 6921664el Telomerase
NUMBER OF SEQUENCES: 225
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/054,295
FILING DATE: 18-Jan-2002
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/854,050
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002930US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-10-054-295-131

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Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAA 2724
      1 AAAAAAAAAAAAAAAAAA 16

RESULT 434
US-09-438-486A-131
; Sequence 131, Application US/09438486A
; Patent No. 6927285
; GENERAL INFORMATION:
; APPLICANT: CECI, THOMAS R.
; APPLICANT: LINGNER, JOACHIM
; APPLICANT: NAKAMURA, TORU
; APPLICANT: NAKAMURA, KAREN B.
; APPLICANT: CHAPMAN, GREGG B.
; APPLICANT: MORIN, GREGG B.
; APPLICANT: HARLEY, CALVIN
; APPLICANT: ANDREWS, WILLIAM H.
; TITLE OF INVENTION: GENE FOR HUMAN TELOMERASE REVERSE TRANSCRIPTASE AND
; TITLE OF INVENTION: TELOMERASE VARIANTS
; FILE REFERENCE: 018/062
; CURRENT APPLICATION NUMBER: US/09/438,486A
; CURRENT FILING DATE: 1999-11-12
; PRIOR APPLICATION NUMBER: 08/851,843
; PRIOR FILING DATE: 1997-05-06
; PRIOR APPLICATION NUMBER: 08/846,017
; PRIOR FILING DATE: 1997-04-25
; PRIOR APPLICATION NUMBER: 08/844,419
; PRIOR FILING DATE: 1997-04-18
; PRIOR APPLICATION NUMBER: 08/724,643
; PRIOR FILING DATE: 1996-10-01
; NUMBER OF SEQ ID NOS: 223
; SOFTWARE: Patent In Ver. 3.2
; SEQ ID NO 131
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-09-438-486A-131

Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAA 2724
      1 AAAAAAAAAAAAAAAAAA 16

RESULT 435
US-10-227-001-21/c
; Sequence 21, Application US/10227001
; Patent No. 6951930
; GENERAL INFORMATION:
; APPLICANT: Dempcy, Robert O.
; APPLICANT: Afonina, Irina Aleksandrovna
; APPLICANT: Vermeulen, Nicolaas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: Hybridization-Triggered Fluorescent
; TITLE OF INVENTION: Detection of Nucleic Acids
; FILE REFERENCE: 17682A-004210US
; CURRENT APPLICATION NUMBER: US/10/227,001
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US 09/428,236
; PRIOR FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 21

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; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. 7005262e1 Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/054,611
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/854,050
; FILING DATE: <unknown>
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-10-054-611-131

Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2724
Db 1 AAAAAAAAAAAAAAAAAA 16

RESULT 438
US-10-208-650-70/c
; Sequence 70, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
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; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 70
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-70

Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAAAAAA 1

RESULT 439
US-08-821-827C-30/c
; Sequence 30, Application US/08821827C
; Patent No. 6297425
; GENERAL INFORMATION:
; APPLICANT: Scelonge, Christopher J.
; APPLICANT: Bidney, Dennis L.
; TITLE OF INVENTION: GENE ENCODING OXALATE DECARBOXYLASE FROM
; TITLE OF INVENTION: ASPERGILLUS PHOENICES
; FILE REFERENCE: 0561A
; CURRENT APPLICATION NUMBER: US/08/821,827C
; CURRENT FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 30
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc feature
; LOCATION: (1)...(17)
; OTHER INFORMATION: n = A,T,C or G
US-08-821-827C-30

Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2724
Db 17 AAAAAAAAAAAAAAAAAA 2

RESULT 440
US-09-290-202B-30/c
; Sequence 30, Application US/09290202B
; Patent No. 6303846
; GENERAL INFORMATION:
; APPLICANT: Scelonge, Christopher J.
; APPLICANT: Bidney, Dennis L.
; TITLE OF INVENTION: GENE ENCODING OXALATE DECARBOXYLASE FROM
```

Tue Nov 7 10:41:33 2006

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;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-2550
Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAA 2724
Db 17 AAAAAAAAAAAAAAA 2

RESULT 442
US-08-584-040-2551/c
; Sequence 2551, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584.040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005.974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2551:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-08-584-040-2551
Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAA 2724
Db 17 AAAAAAAAAAAAAAA 2

RESULT 441
US-08-584-040-2550/c
; Sequence 2550, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584.040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005.974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2550:
;
; TITLE OF INVENTION: ASPERGILLUS PHOENICES
; FILE REFERENCE: 0561D
; CURRENT APPLICATION NUMBER: US/09/290.202B
; CURRENT FILING DATE: 1999-04-12
; PRIOR APPLICATION NUMBER: 08/821,827
; PRIOR FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 30
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc feature
; LOCATION: (1)...(17)
; OTHER INFORMATION: n = A,T,C or G
;
US-09-290-202B-30
Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAA 2724
Db 17 AAAAAAAAAAAAAAA 2
```

Db 16 TAAAAAAAAAAAAAAAAA 1
|||||

RESULT 443

US-09-300-958A-63/c
; Sequence 63, Application US/09300958A
; Patent No. 6495319
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John
; APPLICANT: Trenkle, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; TITLE OF INVENTION: Using Same
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/09/300,958A
; CURRENT FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 63
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-300-958A-63

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2723
Db 17 TAAAAAAAAAAAAAAAAA 2
|||||

RESULT 444

US-09-371-772B-1074/c
; Sequence 1074, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1074
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1074

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
Db 17 AAAAAAAAAAAAAAAAAA 2
|||||

RESULT 445

US-09-371-772B-1075/c
; Sequence 1075, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1075

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAAAAAA 1
|||||

RESULT 446

US-09-685-664B-1074/c
; Sequence 1074, Application US/09685664B
; Patent No. 6818447
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-K (400/021)
; CURRENT APPLICATION NUMBER: US/09/685,664B
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 09/371,772
; PRIOR FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 8231
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1074
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-685-664B-1074

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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; FILING DATE: 05-DEC-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perry, Lawrence S.
; REGISTRATION NUMBER: 31865
; REFERENCE/DOCKET NUMBER: 766.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 218-2100
; TELEFAX: (212) 218-2200
; INFORMATION FOR SEQ ID NO: 105:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
; US-09-090-672B-105
;
; Query Match 0.6%; Score 16; DB 1; Length 17;
; Best Local Similarity 100.0%; Pred. No. 3.8e+02; Indels 0; Gaps 0;
; Matches 16; Conservative 0; Mismatches 0;
;
; QY 2709 TAAAAAAAAAAAAAAAAA 2723
; Db 17 TAAAAAAAAAAAAAAAAA 2
;
; RESULT 449
; US-09-730-559B-107/c
; Sequence 107, Application US/09730559B
; Patent No. 6962984
; GENERAL INFORMATION:
; APPLICANT: ISHIWATA, TETSUYOSHI
; APPLICANT: KAWABATA, AYAKO
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: NISHI, TATSUNARI
; APPLICANT: KUGA, TETSURO
; APPLICANT: SAWADA, SHIGEMASA
; APPLICANT: TAKEI, MASAMI
; APPLICANT: SHIBATA, KENJI
; APPLICANT: FURUYA, AKIKO
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE
; FILE REFERENCE: 766.21 CIP
; CURRENT APPLICATION NUMBER: US/09/730,559B
; CURRENT FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 107
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA
; US-09-730-559B-107
;
; Query Match 0.6%; Score 16; DB 1; Length 17;
; Best Local Similarity 100.0%; Pred. No. 3.8e+02; Indels 0; Gaps 0;
; Matches 16; Conservative 0; Mismatches 0;
;
; QY 2708 TAAAAAAAAAAAAAAAAA 2723
; Db 17 TAAAAAAAAAAAAAAAAA 2
;
; RESULT 450
; US-10-019-832-2/c
; Sequence 2, Application US/10019832
; Patent No. 6966990
; GENERAL INFORMATION:
; APPLICANT: Genox Research, Inc.
; TITLE OF INVENTION: POLLEN ALLERGY-RELATED GENE 513
; FILE REFERENCE: G1-103PCT
; CURRENT APPLICATION NUMBER: US/10/019,832
;
;
; FILING DATE: 05-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME:
; REGISTRATION NUMBER:
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE:
; TELEFAX:
; INFORMATION FOR SEQ ID NO:
; SEQUENCE CHARACTERISTICS:
; LENGTH:
; TYPE:
; STRANDEDNESS:
; TOPOLOGY:
; MOLECULE TYPE:
; US-09-685-664B-1075/c
; Sequence 105, Application US/09685664B
; Patent No. 6818447
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-K (400/021)
; CURRENT APPLICATION NUMBER: US/09/685,664B
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 09/371,772
; PRIOR FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 8231
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-685-664B-1075
;
; Query Match 0.6%; Score 16; DB 1; Length 17;
; Best Local Similarity 100.0%; Pred. No. 3.8e+02; Indels 0; Gaps 0;
; Matches 16; Conservative 0; Mismatches 0;
;
; QY 2709 AAAAAAAAAAAAAAAAAA 2724
; Db 16 AAAAAAAAAAAAAAAAAA 1
;
; RESULT 448
; US-09-090-672B-105/c
; Sequence 105, Application US/09090672B
; Patent No. 6828428
; GENERAL INFORMATION:
; APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura, Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada, Akiko; Shigemasa, Takai, Masami
; APPLICANT: Shigemasa, Takai, Masami
; TITLE OF INVENTION: Iga Nephropathy-Related Genes
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fitzpatrick, Cella, Harper & Scinto
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; ZIP: 10112-3801
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: Compaq PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Wordperfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/090,672B
; FILING DATE: 04-JUNE-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/04468
; FILING DATE: 05-DEC-1997
; APPLICATION NUMBER: JP-8-325763
;

```

; CURRENT FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: JP 1999-120491
; PRIOR FILING DATE: 1999-04-27
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially
; OTHER INFORMATION: Synthesized Primer Sequence
US-10-019-832-2

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAATAAAAAA 2723
Db 17 TAAAAAATAAAAAA 2

RESULT 451
US-10-156-306B-6333/c
; Sequence 6333, Application US/10156306B
; Patent No. 7022828
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306B
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6333
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306B-6333

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2535 GGCCTTGCTCAGCC 2550
Db 16 GGCCTTGCTCAGCC 1

RESULT 452
US-10-156-306B-6896/c
; Sequence 6896, Application US/10156306B
; Patent No. 7022828
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306B
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6896
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306B-6896

Query Match 0.6%; Score 16; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2536 GGCCTTGCTCAGCCA 2551
Db 17 GGCCTTGCTCAGCCA 2

RESULT 453
US-10-138-674B-1074/c
; Sequence 1074, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1074
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-1074

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAATAAAAAA 2724
Db 17 AAAAAAATAAAAAA 2

RESULT 454
US-10-138-674B-1075/c
; Sequence 1075, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-1075

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAATAAAAAA 2724
Db 16 AAAAAAATAAAAAA 1

RESULT 455

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Tue Nov 7 10:41:33 2006

```
US-09-637-751A-5/c
; Sequence 5, Application US/09637751A
; Patent No. 6383754
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; Patent No. 6383754
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/637,751A
; CURRENT FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-637-751A-5
Query Match 0.6%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02; 0; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAAAAAA 1

RESULT 456
US-09-994-311-5/c
; Sequence 5, Application US/09994311
; Patent No. 6773886
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; Patent No. 6773886
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/994,311
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-5
Query Match 0.6%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02; 0; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAAAAAA 1

RESULT 457
US-08-937-067-17/c
; Sequence 17, Application US/08937067
; Patent No. 6433155
; GENERAL INFORMATION:
; APPLICANT: Umansky, Samuil
; APPLICANT: Melkonyan, Hovsep
; TITLE OF INVENTION: A FAMILY OF GENES ENCODING
; TITLE OF INVENTION: APOPTOSIS-RELATED PEPTIDES; PEPTIDES ENCODED THEREBY AND
; TITLE OF INVENTION: METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,067
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Lehnhardt, Susan K.
; REGISTRATION NUMBER: 33,943
; REFERENCE/DOCKET NUMBER: 23647-20018.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-937-067-17
Query Match 0.6%; Score 15.6; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 4.2e+02; 1; Indels 0; Gaps 0;
Matches 15; Conservative 1; Mismatches 1;

QY 2707 CTAAAAAAAAAAAAAAAA 2723
Db 17 SNAAAAAAAAAAAAAAAAAA 1

RESULT 458
US-10-156-306B-521/c
; Sequence 521, Application US/10156306B
; Patent No. 7022828
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306B
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 521
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306B-521
Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.4e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 SNAAAAAAAAAAAAAAAAAA 1
```


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```

; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/03680
; FILING DATE: 19910524
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Muraahige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 4610-0011.40
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; TELEFAX: 415-327-2951
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 5
; OTHER INFORMATION: /mod_base= OTHER
; OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
; PCT-US91-03680-74

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```

Query Match 0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 2709 AAAAAAAAAAAAAAAAAA 2725
DB 17 AAAAAAAAAAAAAAAAAA 1

```

```

RESULT 463
US-09-390-324B-2/c
; Sequence 2, Application US/09390324B
; Patent No. 6342376
; GENERAL INFORMATION:
; APPLICANT: Kozian, Detlef
; APPLICANT: Reuner, Birgit
; TITLE OF INVENTION: Two-color differential display as a method for
; detecting regulated genes
; FILE REFERENCE: 2481-1635
; CURRENT APPLICATION NUMBER: US/09/390,324B
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: exon
; LOCATION: (1)..(17)
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: "V=A,C,G; N=A,C,G,T"
; US-09-390-324B-2

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Query Match 0.6%; Score 15.2; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;

```

```

Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2723
DB 16 BAAAAAAAAAAAAAAAAA 1

```

```

RESULT 464
US-10-015-593-2/c
; Sequence 2, Application US/10015593
; Patent No. 6645741
; GENERAL INFORMATION:
; APPLICANT: Kozian, Detlef
; APPLICANT: Reuner, Birgit
; TITLE OF INVENTION: Two-color differential display as a method for
; detecting regulated genes
; FILE REFERENCE: 2481-1635
; CURRENT APPLICATION NUMBER: US/10/015,593
; CURRENT FILING DATE: 2001-12-17
; PRIOR APPLICATION NUMBER: 09/390,324
; PRIOR FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: exon
; LOCATION: (1)..(17)
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: "V=A,C,G; N=A,C,G,T"
; US-10-015-593-2

```

```

Query Match 0.6%; Score 15.2; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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QY 2708 TAAAAAAAAAAAAAAAAA 2723
DB 16 BAAAAAAAAAAAAAAAAA 1

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```

RESULT 465
US-08-452-196A-6
; Sequence 6, Application US/08452196A
; Patent No. 5576427
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip D.
; APPLICANT: Delecki, Daniel J.
; APPLICANT: Guinasso, Charles
; TITLE OF INVENTION: ACYCLIC NUCLEOSIDE
; ANALOGS AND
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; SEQUENCES
; TITLE OF INVENTION: CONTAINING THEM
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patent Department
; STREET: 9 Great Valley Parkway
; CITY: Malvern
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19355
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch,
; MEDIUM TYPE: 1-4 MB storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.1
; SOFTWARE: Microsoft Word 5.0B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452,196A
; FILING DATE: 26-MAY-1995

```



```
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/040,326
; FILING DATE: 30 March 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul E. Dupont
; REGISTRATION NUMBER: 27,438
; REFERENCE/DOCKET NUMBER: 2525
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)889-6338
; TELEFAX: (215)889-8800
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: Nucleic Acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Nucleic Acid
; DESCRIPTION:
; ANTI-SENSE: no
; ORIGINAL SOURCE: synthesized
; US-08-452-196A-6

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15

RESULT 466
US-07-971-978-1/c
; Sequence 1, Application US/07971978
; Patent No. 5614617
; GENERAL INFORMATION:
; APPLICANT: Cook and Sanghvi
; TITLE OF INVENTION: Nuclease Resistant, Pyrimidine
; TITLE OF INVENTION: Modified Oligonucleotides that Detect and Modulate
; NUMBER OF SEQUENCES: 65
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and
; ADDRESSEE: No. 5614617ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/971,978
; FILING DATE: February 18, 1993
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/558,806
; FILING DATE: July 27, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph Lucci
; REGISTRATION NUMBER: 33,307
; REFERENCE/DOCKET NUMBER: ISIS-0333
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
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```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 4
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 5
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 6
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 7
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 8
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 9
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 10
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 11
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 12
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 13
; OTHER INFORMATION: 6-aza-thymidine substitution
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 14
; OTHER INFORMATION: 6-aza-thymidine substitution
; US-07-971-978-1

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 467
US-08-756-728A-2
; Sequence 2, Application US/08756728A
```

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```
; Patent No. 5821354
; GENERAL INFORMATION:
; APPLICANT: Lecerier, Guy
; APPLICANT: Martel, Remi
; TITLE OF INVENTION: RADIO LABELED DNA OLIGONUCLEOTIDE, METHOD
; TITLE OF INVENTION: OF PREPARATION AND THERAPEUTIC USES THEREOF
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue, 4th Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/756,728A
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1398-1-001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "PRIMER"
; HYPOTHETICAL: NO
; US-08-756-728A-2

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15

RESULT 469
US-08-663-918-4
; Sequence 3, Application US/08663918
; Patent No. 5824793
; GENERAL INFORMATION:
; APPLICANT: Bernard Hirschbein, Karen Fearon, Sergei Gryaznov, Sarah McCurdy, Jeffe
; TITLE OF INVENTION: Solid Phase Synthesis of Oligonucleotide N3 {symbol 174 \f "SY
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/663,918
; FILING DATE:
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: 08/603,566
; FILING DATE: 21-FEB-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: LYNX-035/01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-663-918-4

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15

RESULT 469
US-08-663-918-4
; Sequence 4, Application US/08663918
; Patent No. 5824793
; GENERAL INFORMATION:
; APPLICANT: Bernard Hirschbein, Karen Fearon, Sergei Gryaznov, Sarah McCurdy, Jeffe
; TITLE OF INVENTION: Solid Phase Synthesis of Oligonucleotide N3 {symbol 174 \f "SY
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/663,918
; FILING DATE:
; CLASSIFICATION: 436
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: 08/603,566
; FILING DATE: 21-FEB-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: LYNX-035/01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 670-9365
; TELEFAX: (510) 670-9302
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-663-918-4

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15

RESULT 469
US-08-663-918-3/C
; Sequence 3, Application US/08663918
; Patent No. 5824793
; GENERAL INFORMATION:
; APPLICANT: Bernard Hirschbein, Karen Fearon, Sergei Gryaznov, Sarah McCurdy, Jeffe
; TITLE OF INVENTION: Solid Phase Synthesis of Oligonucleotide N3 {symbol 174 \f "SY
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics, Inc.
; STREET: 3832 Bay Center Place
; CITY: Hayward
; STATE: California
; COUNTRY: USA
; ZIP: 94545
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: Microsoft Word for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/663,918
```

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15

RESULT 470
US-08-292-620A-361/c
; Sequence 361, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994

CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 361:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-361

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 471
US-08-292-620A-362/c
; Sequence 362, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 362:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-362

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 472
US-08-771-789-3/c
; Sequence 3, Application US/08771789
; Patent No. 5859233
; GENERAL INFORMATION:
; APPLICANT: Bernard Hirschbein
; APPLICANT: Karen Fearon

two

two

```

APPLICANT: Sergei Gryaznov
APPLICANT: Sarah McCurdy
APPLICANT: Jeffery Nelson
APPLICANT: Ronald G. Schultz
TITLE OF INVENTION: Solid Phase Synthesis of Oligonucleotide
TITLE OF INVENTION: N3 {symbol 174 \f "symbol" \s 12}}P5 Phosphoramidates
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSES: Stephen C. Macevicz, Lynx Therapeutics, Inc.
STREET: 3832 Bay Center Place
CITY: Hayward
STATE: California
COUNTRY: USA
ZIP: 94545
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: Microsoft Word for Windows 2.0
CURRENT APPLICATION DATA: US/08/771,789
APPLICATION NUMBER: US/08/771,789
FILING DATE: 20-DEC-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/663,918
FILING DATE: 14-JUN-1996
APPLICATION NUMBER: 08/603,566
FILING DATE: 21-FEB-96
ATTORNEY/AGENT INFORMATION:
NAME: Stephen C. Macevicz
REGISTRATION NUMBER: 30,285
REFERENCE/DOCKET NUMBER: LYNX-035/01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 670-9365
TELEFAX: (510) 670-9302
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-771-789-3
Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 15 AAAAAAAAAAAAAA 1

RESULT 473
US-08-771-789-4
Sequence 4, Application US/08771789
Patent No. 5859233
GENERAL INFORMATION:
APPLICANT: Bernard Hirschbein
APPLICANT: Karen Fearon
APPLICANT: Sergei Gryaznov
APPLICANT: Sarah McCurdy
APPLICANT: Jeffery Nelson
APPLICANT: Ronald G. Schultz
TITLE OF INVENTION: Solid Phase Synthesis of Oligonucleotide
TITLE OF INVENTION: N3 {symbol 174 \f "symbol" \s 12}}P5 Phosphoramidates
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSES: Stephen C. Macevicz, Lynx Therapeutics, Inc.
STREET: 3832 Bay Center Place
CITY: Hayward
STATE: California
COUNTRY: USA
ZIP: 94545

```

```

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: Microsoft Word for Windows 2.0
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/771,789
  FILING DATE: 20-DEC-1996
  CLASSIFICATION: 536
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: 08/663,918
  FILING DATE: 14-JUN-1996
  APPLICATION NUMBER: 08/603,566
  FILING DATE: 21-FEB-96
ATTORNEY/AGENT INFORMATION:
  NAME: Stephen C. Macevitz
  REGISTRATION NUMBER: 30,285
  REFERENCES/DOCKET NUMBER: LYNX-035/01
TELECOMMUNICATION INFORMATION:
  TELEPHONE: (510) 670-9365
  TELEFAX: (510) 670-9302
INFORMATION FOR SEQ ID NO: 4:
  SEQUENCE CHARACTERISTICS:
    LENGTH: 15 nucleotides
    TYPE: nucleic acid
    STRANDEDNESS: single
    TOPOLOGY: linear
US-08-771-789-4

Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAA 2723
Db      |||||||
        1 AAAAAAAAAAAAAA 15

RESULT 474
US-08-358-556A-10/c
; Sequence 10, Application US/08358556A
; Patent No. 5869643
; GENERAL INFORMATION:
; APPLICANT: Chateelain, Francois
; APPLICANT: Kumarev, Viktor
; TITLE OF INVENTION: Process for preparing Polynucleotides on
; TITLE OF INVENTION: a Solid Support and Apparatus Permitting its
; TITLE OF INVENTION: Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCES/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666

```

```
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..15
US-08-358-556A-10

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 475
US-08-358-556A-16
; Sequence 16, Application US/08358556A
; Patent No. 5869643
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; TITLE OF INVENTION: A Solid Support and Apparatus Permitting Its
; TITLE OF INVENTION: Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Player, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 638-6666
; TELEFAX: (202) 393-5350
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
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; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..15
US-08-358-556A-16

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15

RESULT 476
US-08-922-170B-5/c
; Sequence 5, Application US/08922170B
; Patent No. 5968822
; GENERAL INFORMATION:
; APPLICANT: Iris Pecker, Israel Vlodavsky and Elena
; APPLICANT: Feinstein
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE
; TITLE OF INVENTION: HAVING HEPARANASE ACTIVITY AND EXPRESSION OF
; TITLE OF INVENTION: SAME IN TRANSDUCED CELLS
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein
; STREET: 2940 Birchtree lane
; CITY: Silver Spring
; STATE: Maryland
; COUNTRY: United States of America
; ZIP: 20906
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: Word for Windows version 2.0 converted to
; SOFTWARE: an ASCII file
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/922,170B
; FILING DATE: 2 SEP 1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedmam, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 910/1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX:
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-922-170B-5

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 477
US-08-863-639A-5
```

Tue Nov 7 10:41:33 2006

```

; Sequence 5, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/863,639A
; FILING DATE: May 28, 1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Joseph E. Mueth
; REGISTRATION NUMBER: 20,532
; REFERENCE/DOCKET NUMBER: 11859-1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (626) 796-4000
; TELEFAX: (626) 795-6321
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
; US-08-863-639A-5
;
; Query Match 0.5%; Score 15; DB 1; Length 15;
; Best Local Similarity 100.0%; Pred. No. 4.3e+02;
; Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15

RESULT 478
US-08-863-639A-9/c
; Sequence 9, Application US/08863639A
; Patent No. 5981185
; GENERAL INFORMATION:
; APPLICANT: Matson, Robert S.
; APPLICANT: Coassin, Peter J.
; APPLICANT: Rampal, Jang B.
; APPLICANT: Caskey, C. T.
; TITLE OF INVENTION: OLIGONUCLEOTIDE REPEAT ARRAYS
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheldon & Mak
; STREET: 225 South Lake Avenue, 9th Floor
; CITY: Pasadena
; STATE: CA
; COUNTRY: USA
; ZIP: 91101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Corel WordPerfect 8 version
;
; Query Match 0.5%; Score 15; DB 1; Length 15;
; Best Local Similarity 100.0%; Pred. No. 4.3e+02;
; Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15

RESULT 479
US-08-863-831-1/c
; Sequence 1, Application US/08693831
; Patent No. 6017700
; GENERAL INFORMATION:
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Balasubramanian, Tanjore N.
; TITLE OF INVENTION: CATIONIC OLIGONUCLEOTIDES, AND RELATED METHODS OF
; FILE REFERENCE: 1117.002
; CURRENT APPLICATION NUMBER: US/08/693,831
; CURRENT FILING DATE: 1996-07-31
; EARLIER FILING DATE: 1996-07-31
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Description of Artificial Sequence: poly-T
; US-08-693-831-1
;
; Query Match 0.5%; Score 15; DB 1; Length 15;
; Best Local Similarity 100.0%; Pred. No. 4.3e+02;
; Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 480
US-08-832-021-44/c
; Sequence 44, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Parimoo, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stenn, K.
;
; Query Match 0.5%; Score 15; DB 1; Length 15;
; Best Local Similarity 100.0%; Pred. No. 4.3e+02;
; Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

```

; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 44
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-44

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2706 ACTAAAAA 2720
Db 15 ACTAAAAA 1

RESULT 481

US-09-183-619-4/c
; Sequence 4, Application US/09183619
; Patent No. 6103474
; GENERAL INFORMATION:
; APPLICANT: DELLINGER, DOUGLAS J.
; APPLICANT: DAHM, SUEANN C.
; APPLICANT: ILSLEY, DIANE D.
; APPLICANT: ACH, ROBERT A.
; APPLICANT: TROLL, MARK A.
; TITLE OF INVENTION: HYBRIDIZATION ASSAY SIGNAL ENHANCEMENT
; FILE REFERENCE: 10981619-1
; CURRENT APPLICATION NUMBER: US/09/183,619
; CURRENT FILING DATE: 1998-10-30
; EARLIER APPLICATION NUMBER: 08/735,381
; EARLIER FILING DATE: 1996-10-21
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reporter probe
US-09-183-619-4

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAA 2723
Db 15 AAAAAA 1

RESULT 482

US-09-071-845-361/c
; Sequence 361, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)

NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 361:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-361

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAA 2723
Db 15 AAAAAA 1

RESULT 483

US-09-071-845-362/c
; Sequence 362, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California

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```

;
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071.845
; FILING DATE:
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292.620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008.895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989.849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32.327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 362:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-362

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 484
US-09-167-375-1
; Sequence 1, Application US/09167375B
; Patent No. 6291438
; GENERAL INFORMATION:
; APPLICANT: Jui H. Wang
; TITLE OF INVENTION: Antiviral anticancer poly-substituted phenyl derivatized oligorib
; TITLE OF INVENTION: methods for their use.
; FILE REFERENCE: WNGJ 2002 (CIP-1)
; CURRENT APPLICATION NUMBER: US/09/167,375B
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 1
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Retroviral reverse transcriptase inhibitor
; US-09-167-375-1

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15

RESULT 485
US-08-150-156A-19/c
; Sequence 19, Application US/08150156A
; Patent No. 6357163
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: THE USE OF NUCLEIC ACID ANALOGUES IN
; TITLE OF INVENTION: DIAGNOSTICS AND ANALYTICAL PROCEDURES
; NUMBER OF SEQUENCES: 40
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/150,156A
; FILING DATE:
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0986/91
; FILING DATE: 24-MAY-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0987/91
; FILING DATE: 24-MAY-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0510/92
; FILING DATE: 15-APR-1992
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PUBLICATION INFORMATION:
; DOCUMENT NUMBER: WO PCT/EP92/01220
; FILING DATE: 22-MAY-1992
; US-08-150-156A-19

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 486
US-08-150-156A-20
; Sequence 20, Application US/08150156A
; Patent No. 6357163
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: THE USE OF NUCLEIC ACID ANALOGUES IN
; TITLE OF INVENTION: DIAGNOSTICS AND ANALYTICAL PROCEDURES
; NUMBER OF SEQUENCES: 40
; COMPUTER READABLE FORM: disk
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/150,156A
; FILING DATE:
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0986/91
; FILING DATE: 24-MAY-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0987/91
; FILING DATE: 24-MAY-1991
; PRIOR APPLICATION DATA:

```


; APPLICATION NUMBER: DK 0510/92
; FILING DATE: 15-APR-1992
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; PUBLICATION INFORMATION:
; DOCUMENT NUMBER: WO PCT/EP92/01220
; FILING DATE: 22-MAY-1992
US-08-150-156A-20

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15

RESULT 487

US-08-108-591B-17/c
; Sequence 17, Application US/08108591B
; Patent No. 6395474
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/08/108,591B
; CURRENT FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6395474el Sequence
US-08-108-591B-17

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 488

US-08-108-591B-18
; Sequence 18, Application US/08108591B
; Patent No. 6395474
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/08/108,591B
; CURRENT FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18

; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. 6395474el Sequence
US-08-108-591B-18

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15

RESULT 489

US-09-619-103-21
; Sequence 21, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wegner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-21

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15

RESULT 490

US-09-300-958A-68/c
; Sequence 68, Application US/09300958A
; Patent No. 6495319
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John
; APPLICANT: Trenkle, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/09/300,958A
; CURRENT FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 68
; LENGTH: 15
; TYPE: DNA

US-09-300-958A-68/c
; Sequence 68, Application US/09300958A
; Patent No. 6495319
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsh, John
; APPLICANT: Trenkle, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/09/300,958A
; CURRENT FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 68
; LENGTH: 15
; TYPE: DNA

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 15 AAAAAAAAAAAAAA 1

RESULT 493
US-10-091-231-2/c
; Sequence 2, Application US/10091231
; Patent No. 6664388
; GENERAL INFORMATION:
; APPLICANT: NELSON, Jeffrey S.
; TITLE OF INVENTION: REAGENTS FOR OLIGONUCLEOTIDE CLEAVAGE AND DEPROTECTION
; FILE REFERENCE: 4688US
; CURRENT APPLICATION NUMBER: US/10/091,231
; PRIOR FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: US 60/274,309
; PRIOR FILING DATE: 2001-03-08
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
; US-10-091-231-2

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 15 AAAAAAAAAAAAAA 1

RESULT 494
US-09-930-218-5/c
; Sequence 5, Application US/09930218
; Patent No. 6677137
; GENERAL INFORMATION:
; APPLICANT: goldshmidt, orit
; APPLICANT: pecker, iris
; APPLICANT: vlodavsky, israel
; APPLICANT: israel, michal
; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE
; TITLE OF INVENTION: HEPARANASE ACTIVITY
; FILE REFERENCE: 01/22335
; CURRENT APPLICATION NUMBER: US/09/930,218
; CURRENT FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 09/666,390
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic polynucleotide
; US-09-930-218-5

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 15 AAAAAAAAAAAAAA 1

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 15 AAAAAAAAAAAAAA 1

RESULT 491
US-08-988-024C-9/c
; Sequence 9, Application US/08988024C
; Patent No. 6635452
; GENERAL INFORMATION:
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; APPLICANT: Pollart, Daniel J.
; APPLICANT: Shaler, Thomas A.
; TITLE OF INVENTION: Releasable No. 6635452volatile Mass-Label Molecules
; FILE REFERENCE: 24736-2057
; CURRENT APPLICATION NUMBER: US/08/988,024C
; CURRENT FILING DATE: 1997-12-10
; PRIOR APPLICATION NUMBER: US 60/033,037
; PRIOR FILING DATE: 1996-12-10
; PRIOR APPLICATION NUMBER: US 60/046,719
; PRIOR FILING DATE: 1997-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; US-08-988-024C-9

Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 15 AAAAAAAAAAAAAA 1

RESULT 492
US-09-435-739-5/c
; Sequence 5, Application US/09435739
; Patent No. 6664105
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: vlodavsky, israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 00/20454
; CURRENT APPLICATION NUMBER: US/09/435,739
; CURRENT FILING DATE: 2001-06-05
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
; US-09-435-739-5

```
RESULT 495
US-08-468-719A-17/c
; Sequence 17, Application US/08468719A
; Patent No. 6710163
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter E.
; APPLICANT: Berg, Rolf H.
; TITLE OF INVENTION: PEPTIDE NUCLEIC ACIDS SYNTHONS
; FILE REFERENCE: ISPS-1999
; CURRENT APPLICATION NUMBER: US/08/468,719A
; CURRENT FILING DATE: 1995-06-06
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: US 08/108,591
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-08-468-719A-17
```

```
Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1
```

```
RESULT 496
US-08-468-719A-18
; Sequence 18, Application US/08468719A
; Patent No. 6710163
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter E.
; APPLICANT: Berg, Rolf H.
; TITLE OF INVENTION: PEPTIDE NUCLEIC ACIDS SYNTHONS
; FILE REFERENCE: ISPS-1999
; CURRENT APPLICATION NUMBER: US/08/468,719A
; CURRENT FILING DATE: 1995-06-06
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: US 08/108,591
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-08-468-719A-18
```

```
Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15
```

```
RESULT 497
US-08-462-977B-17/c
; Sequence 17, Application US/08462977B
```

```
; Patent No. 6713602
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Egid
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS-1993
; CURRENT APPLICATION NUMBER: US/08/462,977B
; CURRENT FILING DATE: 1995-06-05
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6713602el Sequence
US-08-462-977B-17
```

```
Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1
```

```
RESULT 498
US-08-462-977B-18
; Sequence 18, Application US/08462977B
; Patent No. 6713602
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Egid
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS-1993
; CURRENT APPLICATION NUMBER: US/08/462,977B
; CURRENT FILING DATE: 1995-06-05
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 18
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6713602el Sequence
US-08-462-977B-18
```

```
Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15
```

```
RESULT 499
US-09-988-113-5/c
; Sequence 5, Application US/09988113
; Patent No. 6790658
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
```

```

;
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..15
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-352-704-10
Query Match 0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred.No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 15 AAAAAAAAAAAAAA 1

RESULT 501
US-10-352-704-16
; Sequence 16, Application US/10352704
; Patent No. 6825339
; GENERAL INFORMATION:
; APPLICANT: Chatelain, Francois
; KUMAREV, VIKTOR
; TITLE OF INVENTION: Process for Preparing Polynucleotides on
; a Solid Support and Apparatus Permitting its
; Implementation
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C
; STATE: D.C
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/352,704
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/358,556A
; FILING DATE: 14-DEC-1994
; APPLICATION NUMBER: FR 9315164
; FILING DATE: 16-DEC-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Playeur, William E.
; REGISTRATION NUMBER: 31,409
; REFERENCE/DOCKET NUMBER: 10577/P58418
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)638-6666
; TELEFAX: (202) 393-5350
; TELEX: RCA 248593 IDEA UR
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

```

```
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..15
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-352-704-16
```

```
Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15
```

RESULT 502

```
US-09-850-982B-4/c
; Sequence 4, Application US/09850982B
; Patent No. 6841662
; GENERAL INFORMATION:
; APPLICANT: Nestec S.A.
; TITLE OF INVENTION: COFFEE MANNANASE
; FILE REFERENCE: 88265-4025
; CURRENT APPLICATION NUMBER: US/09/850,982B
; CURRENT FILING DATE: 2001-05-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotides provided by Eurogentec (Parc Scientifi
; OTHER INFORMATION: que due Sart Tilman [Sart Tilman Scientific Park]-4102 Seraing-Be
US-09-850-982B-4
```

```
Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1
```

RESULT 503

```
US-09-793-146-54/c
; Sequence 54, Application US/09793146
; Patent No. 6919441
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR
; FILE REFERENCE: 02481.1437-02
; CURRENT APPLICATION NUMBER: US/09/793,146
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: P 44 08 528.1
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: 08/402,838
; PRIOR FILING DATE: 1995-03-13
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 54
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA
US-09-793-146-54
```

```
Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1
```

RESULT 504

```
US-09-793-146-55/c
; Sequence 55, Application US/09793146
; Patent No. 6919441
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR
; FILE REFERENCE: 02481.1437-02
; CURRENT APPLICATION NUMBER: US/09/793,146
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: P 44 08 528.1
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: 08/402,838
; PRIOR FILING DATE: 1995-03-13
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA
US-09-793-146-55
```

```
Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1
```

RESULT 505

```
US-10-227-001-23/c
; Sequence 23, Application US/10227001
; Patent No. 6951930
; GENERAL INFORMATION:
; APPLICANT: Dempcy, Robert O.
; APPLICANT: Afonina, Irina Aleksandrovna
; APPLICANT: Vermeulen, Nicolaas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: Hybridization-Triggered Fluorescent
; TITLE OF INVENTION: Detection of Nucleic Acids
; FILE REFERENCE: 17682A-004210US
; CURRENT APPLICATION NUMBER: US/10/227,001
; CURRENT FILING DATE: 2002-08-21
; PRIOR APPLICATION NUMBER: US 09/428,236
; PRIOR FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: R2 (ODN) of fluorophore-MGB-ODN
; OTHER INFORMATION: conjugate
```

iss.res

Tue Nov 7 10:41:33 2006

```
US-10-227-001-23
Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02; Indels 0;
Matches 15; Conservative 0; Mismatches 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 15 AAAAAAAAAAAAAA 1

RESULT 506
US-10-384-450A-5/c
; Sequence 5, Application US/10384450A
; Patent No. 6960471
; GENERAL INFORMATION:
; APPLICANT: Pecker, Iris
; APPLICANT: Vlodavsky, Israel
; APPLICANT: Feinstein, Elena
; TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A POLYPEPTIDE HAVING HEPARANASE ACTIVITY
; TITLE OF INVENTION: EXPRESSION OF SAME IN GENETICALLY MODIFIED CELLS
; FILE REFERENCE: 25717
; CURRENT APPLICATION NUMBER: US/10/384,450A
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-384-450A-5
Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02; Indels 0;
Matches 15; Conservative 0; Mismatches 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 15 AAAAAAAAAAAAAA 1

RESULT 507
US-10-072-975-10/c
; Sequence 10, Application US/10072975
; Patent No. 6962906
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Archdeacon, Oksana
; APPLICANT: Buryakova, Alla
; APPLICANT: Chooib, Mikhail
; APPLICANT: Hondorp, Kyle
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE
; FILE REFERENCE: AM102.P.1.1US
; CURRENT APPLICATION NUMBER: US/10/072,975
; CURRENT FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/250,334
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 09/805,296
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: PCT/US01/0811
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 15

US-10-072-975-10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; OTHER INFORMATION: SyntheticConstruct
US-10-072-975-10
Query Match          0.5%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.3e+02; Indels 0;
Matches 15; Conservative 0; Mismatches 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 15 AAAAAAAAAAAAAA 1

RESULT 508
US-08-952-376-2/c
; Sequence 2, Application US/08952376
; Patent No. 6146855
; GENERAL INFORMATION:
; APPLICANT: Williams, Keith L
; APPLICANT: Vesey, Graham
; APPLICANT: Veal, Duncan
; APPLICANT: Ashbolt, Nicholas J
; APPLICANT: Dorsch, Matthias
; TITLE OF INVENTION: Method for the Detection of Viable
; TITLE OF INVENTION: Cryptosporidium parvum Cells
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Brinks, Hofer, Gilson & Lione
; STREET: 455 No. 6146855th Cityfront Plaza Drive
; CITY: Chicago
; STATE: IL
; COUNTRY: USA
; ZIP: 60611-5599
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/952,376
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US PCT/AU96/00274
; FILING DATE: 06-MAY-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Martin, Alice
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-08-952-376-2
Query Match          0.5%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.6e+02; Indels 0;
Matches 15; Conservative 0; Mismatches 0; Gaps 0;

QY 2705 TACTAAAAA 2719
DB 15 TACTAAAAA 1

RESULT 509
US-09-507-345A-3/c
; Sequence 3, Application US/09507345A
; Patent No. 6426408
```

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;
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
;           Lukhtanov, Eugeny A.
;           Gamber, Howard B.
;           Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;                   Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod base= OTHER
; /note= "N = thymidine modified by 6-aminohexanoic acid
; (-NH(CH2-2)-COOH)"
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-507-345A-3
;
; Query Match 0.5%; Score 15; DB 1; Length 16;
; Best Local Similarity 100.0%; Pred. No. 4.6e+02;
; Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 2709 AAAAAAAAAAAAAA 2723
; Db 15 AAAAAAAAAAAAAA 1
;
; RESULT 510
; US-09-507-345A-4/c
; Sequence 4, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
;           Lukhtanov, Eugeny A.
;           Gamber, Howard B.
;           Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;                   Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
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```
;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Kezer, William B.
; REGISTRATION NUMBER: 37,369
; REFERENCE/DOCKET NUMBER: 17682A-003500US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 16
; OTHER INFORMATION: /mod base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = one
; 4-amino-N-methylpyrrol-2-carboxylic acid residue"
; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-507-345A-4
;
; Query Match 0.5%; Score 15; DB 1; Length 16;
; Best Local Similarity 100.0%; Pred. No. 4.6e+02;
; Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; Qy 2709 AAAAAAAAAAAAAA 2723
; Db 15 AAAAAAAAAAAAAA 1
;
; RESULT 511
; US-09-507-345A-5/c
; Sequence 5, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
;           Lukhtanov, Eugeny A.
;           Gamber, Howard B.
;           Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;                   Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
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Tue Nov 7 10:41:33 2006

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/09/507,345A
  FILING DATE: 18-Feb-2000
  CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US 08/415,370
  FILING DATE: 03-APR-1995
  APPLICATION NUMBER: US 09/141,764
  FILING DATE: 27-AUG-1998
ATTORNEY/AGENT INFORMATION:
  NAME: Kezer, William B.
  REGISTRATION NUMBER: 37,369
  REFERENCE/DOCKET NUMBER: 17682A-003500US
TELECOMMUNICATION INFORMATION:
  TELEPHONE: (415) 576-0200
  TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
  LENGTH: 16 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: single
  TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
  NAME/KEY: modified_base
  LOCATION: 16
  OTHER INFORMATION: /mod_base= OTHER
  /note= "N = thymidine modified by minor groove binder moiety
  represented by X, where m = two
  4-amino-N-methylpyrrol-2-carboxylic acid residues"
  SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-507-345A-5
Query Match 0.5%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 512
US-09-507-345A-6/c
; Sequence 6, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
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FILING DATE: 18-Feb-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US 08/415,370
  FILING DATE: 03-APR-1995
  APPLICATION NUMBER: US 09/141,764
  FILING DATE: 27-AUG-1998
ATTORNEY/AGENT INFORMATION:
  NAME: Kezer, William B.
  REGISTRATION NUMBER: 37,369
  REFERENCE/DOCKET NUMBER: 17682A-003500US
TELECOMMUNICATION INFORMATION:
  TELEPHONE: (415) 576-0200
  TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
  LENGTH: 16 base pairs
  TYPE: nucleic acid
  STRANDEDNESS: single
  TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
  NAME/KEY: modified_base
  LOCATION: 16
  OTHER INFORMATION: /mod_base= OTHER
  /note= "N = thymidine modified by minor groove binder moiety
  represented by X, where m = three
  4-amino-N-methylpyrrol-2-carboxylic acid residues"
  SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-507-345A-6
Query Match 0.5%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 513
US-09-507-345A-7/c
; Sequence 7, Application US/09507345A
; Patent No. 6426408
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,345A
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/415,370
; FILING DATE: 03-APR-1995
; APPLICATION NUMBER: US 09/141,764
; FILING DATE: 27-AUG-1998
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; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 16 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
;   MOLECULE TYPE: DNA
;   FEATURE:
;     NAME/KEY: modified_base
;     LOCATION: 16
;     OTHER INFORMATION: /mod_base= OTHER
; /note= "N = thymidine modified by minor groove binder moiety
; represented by X, where m = five
; 4-amino-N-methylpyrrol-2-carboxylic acid residues"
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-507-345A-8

Query Match      0.5%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAA 2723
Db      15 AAAAAAAAAAAAAA 1

RESULT 515
US-09-739-928-3/C
; Sequence 3, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
; APPLICANT: Kutyavlin, Igor V.
;           Lukhtanov, Eugeny A.
;           Gamper, Howard B.
;           Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
;                   Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
;   MEDIUM TYPE: Floppy disk
;   COMPUTER: IBM PC compatible
;   OPERATING SYSTEM: PC-DOS/MS-DOS
;   SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
;   APPLICATION NUMBER: US/09/739,928
;   FILING DATE: 11-May-2001
;   CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
;   APPLICATION NUMBER: US 08/415,370
;   FILING DATE: 03-APR-1995
;   APPLICATION NUMBER: US 09/141,764
;   FILING DATE: 27-AUG-1998
;   APPLICATION NUMBER: US 09/507,345
;   FILING DATE: 18-FEB-2000
; ATTORNEY/AGENT INFORMATION:
;   NAME: Kezer, William B.
;   REGISTRATION NUMBER: 37,369
;   REFERENCE/DOCKET NUMBER: 17682A-003510US
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (415) 576-0200
;   TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 16 base pairs
;   TYPE: nucleic acid
;   STRANDEDNESS: single

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Query Match 0.5%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 15 AAAAAAAAAAAAAA 1

RESULT 518

US-09-739-928-6/c
; Sequence 6, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamber, Howard B.
; Meyer Jr., Rich B.
; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/739,928

FILING DATE: 11-May-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/415,370

FILING DATE: 03-APR-1995

APPLICATION NUMBER: US 09/141,764

FILING DATE: 27-AUG-1998

APPLICATION NUMBER: US 09/507,345

FILING DATE: 18-FEB-2000

ATTORNEY/AGENT INFORMATION:

NAME: Kezer, William B.

REGISTRATION NUMBER: 37,369

REFERENCE/DOCKET NUMBER: 17682A-003510US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 6:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

FEATURE:

NAME/KEY: modified_base

LOCATION: 16

OTHER INFORMATION: /mod base= OTHER

/note= "N = thymidine modified by minor groove binder moiety

represented by X, where m = three

4-amino-N-methylpyrrol-2-carboxylic acid residues"

SEQUENCE DESCRIPTION: SEQ ID NO: 6:

US-09-739-928-6

Query Match 0.5%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 15 AAAAAAAAAAAAAA 1

RESULT 519

US-09-739-928-7/c
; Sequence 7, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
; APPLICANT: Kutyavin, Igor V.
; Lukhtanov, Eugeny A.
; Gamber, Howard B.
; Meyer Jr., Rich B.

; TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
; Groove Binder Conjugates
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/739,928
; FILING DATE: 11-May-2001
; CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/415,370

FILING DATE: 03-APR-1995

APPLICATION NUMBER: US 09/141,764

FILING DATE: 27-AUG-1998

APPLICATION NUMBER: US 09/507,345

FILING DATE: 18-FEB-2000

ATTORNEY/AGENT INFORMATION:

NAME: Kezer, William B.

REGISTRATION NUMBER: 37,369

REFERENCE/DOCKET NUMBER: 17682A-003510US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

FEATURE:

NAME/KEY: modified_base

LOCATION: 16

OTHER INFORMATION: /mod base= OTHER

/note= "N = thymidine modified by minor groove binder moiety

represented by X, where m = four

4-amino-N-methylpyrrol-2-carboxylic acid residues"

SEQUENCE DESCRIPTION: SEQ ID NO: 7:

US-09-739-928-7

Query Match 0.5%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 520
US-09-739-928-8/C
; Sequence 8, Application US/09739928
; Patent No. 6486308
; GENERAL INFORMATION:
APPLICANT: Lukhtanov, Igor V. A.
            Meyer Jr., Rich B.
            Gamber, Howard B.
            Lukhtanov, Eugene A.
TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor
                    Groove Binder Conjugates
NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/739,928
FILING DATE: 11-May-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/415,370
FILING DATE: 03-APR-1995
APPLICATION NUMBER: US 09/141,764
FILING DATE: 27-AUG-1998
APPLICATION NUMBER: US 09/507,345
FILING DATE: 18-FEB-2000
ATTORNEY/AGENT INFORMATION:
NAME: Kezer, William B.
REGISTRATION NUMBER: 37,369
REFERENCE/DOCKET NUMBER: 17682A-003510US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: modified_base
LOCATION: 16
OTHER INFORMATION: /mod_base= OTHER
/notes= "N = thymidine modified by minor groove binder moiety
         represented by X, where m = five
         4-amino-N-methylpyrrol-2-carboxylic acid residues"
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-739-928-8
Query Match 0.5%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.6e-02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 15 AAAAAAAAAAAAAA 1
|||||
|||||

RESULT 521
US-10-227-001-20/C
; Sequence 20, Application US/10227001
; Patent No. 6951930
; GENERAL INFORMATION:

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; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2549:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2549

Query Match 0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 17 AAAAAAAAAAAAAA 3

RESULT 523
US-08-584-040-2552/c
; Sequence 2552, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2552:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid

; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2552

Query Match 0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 524
US-09-475-947A-118/c
; Sequence 118, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTSD0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 118
; LENGTH: 17
; TYPE: DNA
; ORGANISM: human
; US-09-475-947A-118

Query Match 0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 525
US-09-788-338-3/c
; Sequence 3, Application US/09788338
; Patent No. 6485916
; GENERAL INFORMATION:
; APPLICANT: MURAMATSU, TAKAMICHI
; APPLICANT: FUJITA, TAKESHI
; APPLICANT: KIYAMA, MASAHARU
; APPLICANT: IRIE, TAKASHI
; TITLE OF INVENTION: PREPARATION METHOD OF NUCLEIC ACID SAMPLE FOR RARE
; TITLE OF INVENTION: EXPRESSED GENES AND ANALYZING METHOD USING THE PREPARED
; TITLE OF INVENTION: NUCLEIC ACID SAMPLES THEREBY
; FILE REFERENCE: NIT-129-02
; CURRENT APPLICATION NUMBER: US/09/788,338
; CURRENT FILING DATE: 2001-02-21
; PRIOR APPLICATION NUMBER: 09/313,637
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: JP 10-153651
; PRIOR FILING DATE: 1998-05-20
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
; US-09-788-338-3

Query Match 0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
```

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Tue Nov 7 10:41:33 2006

Best Local Similarity 100.0%; Pred. No. 4.8e+02; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 17 AAAAAAAAAAAAAA 3

RESULT 528

US-09-371-772B-1076/c
; Sequence 1076, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1076
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1076

Query Match 0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 529

US-09-129-603-4/c
; Sequence 4, Application US/09129603A
; Patent No. 6790944
; GENERAL INFORMATION:
; APPLICANT: Ishiwata, Tetsuyoshi
; APPLICANT: Sakurada, Mikiko
; APPLICANT: Nishimura, Ayako
; APPLICANT: Nakagawa, Satoshi
; APPLICANT: Kuga, Tetsuro
; APPLICANT: Nishi, Tatsunari
; APPLICANT: Sawada, Shigemasa
; APPLICANT: Nagase, Takahiro
; APPLICANT: Takei, Masami
; TITLE OF INVENTION: No. 6790944el Protein
; FILE REFERENCE: 766.25.
; CURRENT APPLICATION NUMBER: US/09/129,603A
; CURRENT FILING DATE: 1998-08-05
; EARLIER APPLICATION NUMBER: PCT/JP97/04469
; EARLIER FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: other nucleic acid from homo sapiens, synthesized

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 16 AAAAAAAAAAAAAA 2

RESULT 526

US-09-300-958A-64/c
; Sequence 64, Application US/09300958A
; Patent No. 6495319
; GENERAL INFORMATION:
; APPLICANT: McClelland, Michael
; APPLICANT: Welsch, John
; APPLICANT: Trenkle, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/09/300,958A
; CURRENT FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27
; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 64
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-300-958A-64

Query Match 0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 16 AAAAAAAAAAAAAA 2

RESULT 527

US-09-371-772B-1073/c
; Sequence 1073, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MBHB00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1073
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1073

Query Match 0.5%; Score 15; DB 1; Length 17;

```
; OTHER INFORMATION: DNA
US-09-129-603-4

Query Match      0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 16 AAAAAAAAAAAAAA 2

RESULT 530
US-09-685-664B-1073/c
; Sequence 1073, Application US/09685664B
; Patent No. 6818447
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00-876-K (400/021)
; CURRENT APPLICATION NUMBER: US/09/685,664B
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 09/371,772
; PRIOR FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 8231
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1073
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-685-664B-1073

Query Match      0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 17 AAAAAAAAAAAAAA 3

RESULT 531
US-09-685-664B-1076/c
; Sequence 1076, Application US/09685664B
; Patent No. 6818447
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00-876-K (400/021)
; CURRENT APPLICATION NUMBER: US/09/685,664B
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 09/371,772
; PRIOR FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 8231
; SOFTWARE: PatentIn version 3.0
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```
; SEQ ID NO 1076
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-685-664B-1076

Query Match      0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 532
US-09-090-672B-106/c
; Sequence 106, Application US/09090672B
; Patent No. 6828428
; GENERAL INFORMATION:
; APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura,
; APPLICANT: Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada,
; APPLICANT: Shigemasa; Takei, Masami
; TITLE OF INVENTION: Iga Nephropathy-Related Genes
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fitzpatrick, Cella, Harper & Scinto
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; ZIP: 10112-3801
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: Compaq PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WordPerfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/090,672B
; FILING DATE: 04-JUNE-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP97/04468
; FILING DATE: 05-DEC-1997
; APPLICATION NUMBER: JP-8-325763
; FILING DATE: 05-DEC-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perry, Lawrence S.
; REGISTRATION NUMBER: 31865
; REFERENCE/DOCKET NUMBER: 766.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 218-2100
; TELEFAX: (212) 218-2200
; INFORMATION FOR SEQ ID NO: 106:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-090-672B-106

Query Match      0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 16 AAAAAAAAAAAAAA 2

RESULT 533
US-09-090-672B-107/c
; Sequence 107, Application US/09090672B
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Tue Nov 7 10:41:33 2006

```

; Patent No. 6828428
; GENERAL INFORMATION:
; APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura,
; APPLICANT: Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada,
; APPLICANT: Shigemasa, Takei, Masami
; TITLE OF INVENTION: Iga Nephropathy-Related Genes
; NUMBER OF SEQUENCES: 111
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fitzpatrick, Cella, Harper & Scinto
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; ZIP: 10112-3801
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: Compaq PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Wordperfect 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/050,672B
; FILING DATE: 04-JUNE-1998
; CLASSIFICATION: 514
; PRIOR APPLICATION NUMBER: PCT/JP97/04468
; FILING DATE: 05-DEC-1997
; APPLICATION NUMBER: JP-8-325763
; FILING DATE: 05-DEC-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perry, Lawrence S.
; REGISTRATION NUMBER: 31865
; REFERENCE/DOCKET NUMBER: 766.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 218-2100
; TELEFAX: (212) 218-2200
; INFORMATION FOR SEQ ID NO: 107:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid, synthetic DNA
; US-09-090-672B-107

Query Match 0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 16 AAAAAAAAAAAAAA 2

RESULT 534
US-09-730-559B-108/c
; Sequence 108, Application US/09730559B
; Patent No. 6962984
; GENERAL INFORMATION:
; APPLICANT: ISHIWATA, TETSUYOSHI
; APPLICANT: SAKURADA, MIKIKO
; APPLICANT: KAWABATA, AYAKO
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: NISHI, TATSUNARI
; APPLICANT: KUGA, TETSURO
; APPLICANT: SAWADA, SHIGEMASA
; APPLICANT: TAKEI, MASAMI
; APPLICANT: SHIBATA, KENJI
; APPLICANT: FURUYA, AKIKO
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE
; FILE REFERENCE: 766.21 CIP
; CURRENT APPLICATION NUMBER: US/09/730,559B
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: JP 1999-120491
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence

Query Match 0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 16 AAAAAAAAAAAAAA 2

RESULT 536
US-10-019-832-3/c
; Sequence 3, Application US/10019832
; Patent No. 6986990
; GENERAL INFORMATION:
; APPLICANT: Genox Research, Inc.
; TITLE OF INVENTION: POLLEN ALLERGY-RELATED GENE 513
; FILE REFERENCE: GI-103PCT
; CURRENT APPLICATION NUMBER: US/10/019,832
; CURRENT FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: JP 1999-120491
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence

```


;
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially
; OTHER INFORMATION: Synthesized Primer Sequence
US-10-019-832-3

Query Match 0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 16 AAAAAAAAAAAAAA 2

RESULT 537
US-10-019-832-4/c
; Sequence 4, Application US/10019832
; Patent No. 6986990
; GENERAL INFORMATION:
; APPLICANT: Genox Research, Inc.
; TITLE OF INVENTION: POLLEN ALLERGY-RELATED GENE 513
; FILE REFERENCE: G1-103PCT
; CURRENT APPLICATION NUMBER: US/10/019,832
; CURRENT FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: JP 1999-120491
; PRIOR FILING DATE: 1999-04-27
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially
; OTHER INFORMATION: Synthesized Primer Sequence
US-10-019-832-4

Query Match 0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 16 AAAAAAAAAAAAAA 2

RESULT 538
US-10-156-306B-523/c
; Sequence 523, Application US/10156306B
; Patent No. 7022828
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306B
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 523
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306B-523

Query Match 0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAA 2722
Db 16 TAAAAAAAAAAAAA 2

RESULT 539
US-10-156-306B-524/c
; Sequence 524, Application US/10156306B
; Patent No. 7022828
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306B
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 524
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306B-524

Query Match 0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAA 2722
Db 15 TAAAAAAAAAAAAA 1

RESULT 540
US-10-138-674B-1073/c
; Sequence 1073, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1073
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-1073

Query Match 0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 17 AAAAAAAAAAAAAA 3

RESULT 541
US-10-138-674B-1076/c
; Sequence 1076, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime

```
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1076
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-1076

Query Match          0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 542
US-09-289-377-10/c
; Sequence 10, Application US/09289377
; Patent No. 6046321
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-11 EXPRESSION
; FILE REFERENCE: RTS-0058
; CURRENT APPLICATION NUMBER: US/09/289,377
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-377-10

Query Match          0.5%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2330 TATTCAGAGAGGAG 2344
Db 15 TATTCAGAGAGGAG 1

RESULT 543
US-09-437-076-1
; Sequence 1, Application US/09437076
; Patent No. 6261779
; GENERAL INFORMATION:
; APPLICANT: Barber-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; CURRENT APPLICATION NUMBER: US/09/437,076
; CURRENT FILING DATE: 1999-11-09
; EARLIER FILING DATE:
; SOFTWARE: Word for Windows
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: synthesized

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1076
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-1076

Query Match          0.5%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 4.8e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 15 AAAAAAAAAAAAAA 1

RESULT 542
US-09-289-377-10/c
; Sequence 10, Application US/09289377
; Patent No. 6046321
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-11 EXPRESSION
; FILE REFERENCE: RTS-0058
; CURRENT APPLICATION NUMBER: US/09/289,377
; CURRENT FILING DATE: 1999-04-09
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-377-10

Query Match          0.5%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2330 TATTCAGAGAGGAG 2344
Db 15 TATTCAGAGAGGAG 1

RESULT 543
US-09-437-076-1
; Sequence 1, Application US/09437076
; Patent No. 6261779
; GENERAL INFORMATION:
; APPLICANT: Barber-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; CURRENT APPLICATION NUMBER: US/09/437,076
; CURRENT FILING DATE: 1999-11-09
; EARLIER FILING DATE:
; SOFTWARE: Word for Windows
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: synthesized
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US-09-437-076-1

Query Match          0.5%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 4 AAAAAAAAAAAAAA 18

RESULT 544
US-09-437-076-2/c
; Sequence 2, Application US/09437076
; Patent No. 6261779
; GENERAL INFORMATION:
; APPLICANT: Barber-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; CURRENT APPLICATION NUMBER: US/09/437,076
; CURRENT FILING DATE: 1999-11-09
; EARLIER FILING DATE:
; SOFTWARE: Word for Windows
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY:
; LOCATION:
; OTHER INFORMATION: synthesized
US-09-437-076-2

Query Match          0.5%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
Db 18 AAAAAAAAAAAAAA 4

RESULT 545
US-09-904-744-1
; Sequence 1, Application US/09904744
; Patent No. 6828142
; GENERAL INFORMATION:
; APPLICANT: Barbera-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; TITLE OF INVENTION: dendrimers in a signal amplification system
; FILE REFERENCE: B-73
; CURRENT APPLICATION NUMBER: US/09/904,744
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-904-744-1

Query Match          0.5%; Score 15; DB 1; Length 18;
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Best Local Similarity 100.0%; Pred. No. 5e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 15; Conservative 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 4 AAAAAAAAAAAAAA 18

RESULT 546

US-09-904-744-2/c
; Sequence 2, Application US/09904744
; Patent No. 6828142
; GENERAL INFORMATION:
; APPLICANT: Barbera-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; TITLE OF INVENTION: dendrimers in a signal amplification system
; FILE REFERENCE: B-73
; CURRENT APPLICATION NUMBER: US/09/904,744
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-904-744-2

Query Match : 0.5%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 18 AAAAAAAAAAAAAA 4

RESULT 547

US-09-213-768-27/c
; Sequence 27, Application US/09213768
; Patent No. 5985664
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF SENTRIN EXPRESSION
; FILE REFERENCE: RTS-0026
; CURRENT APPLICATION NUMBER: US/09/213,768
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-768-27

Query Match : 0.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1341 TCAGGGTTCACTTTGAGG 1358
Db 18 TCAGGTTTCTTTGAGG 1

RESULT 548

US-09-507-819-75
; Sequence 75, Application US/09507819
; Patent No. 6303314
; GENERAL INFORMATION:
; APPLICANT: Jingwu, Zhang Z.
; TITLE OF INVENTION: T Cell Receptor VB-DB-JB Sequence and Methods For Its
; Patent No. 6303314
; TITLE OF INVENTION: Detection
; FILE REFERENCE: BC0L003
; CURRENT APPLICATION NUMBER: US/09/507,819
; CURRENT FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 75
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-507-819-75

Query Match : 0.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1202 GCCAGCCGCCGAGACC 1219
Db 1 GCCAGCCGCCGAGAGTCC 18

RESULT 549

US-08-679-645-1191
; Sequence 1191, Application US/08679645
; Patent No. 6350934
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327

EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10231
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-10632 for SEQ 2366, in complement
US-09-422-978-10231

Query Match 0.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1024 GGGGCGAGCAGGACAAAA 1041
||||| ||||| ||||| |||||
Db 18 GGGGCAATAGGACAAAA 1

RESULT 553

US-09-641-576-75
; Sequence 75, Application US/09641576
; Patent No. 6541608
; GENERAL INFORMATION:
; APPLICANT: Jingwu, Zhang Z.
; TITLE OF INVENTION: T Cell Receptor VB-DB-JB Sequence and Methods For Its
; Patent No. 6541608
; TITLE OF INVENTION: Detection
; FILE REFERENCE: BC0L005 / 10237.0005.CPU500
; CURRENT APPLICATION NUMBER: US/09/641,576
; CURRENT FILING DATE: 2000-08-18
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 75
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-641-576-75

Query Match 0.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1202 GCCAGCGGCGGCGAGCC 1219
||||| ||||| ||||| |||||
Db 1 GCCAGCGGCGAGGTCC 18

RESULT 554

US-09-872-051-12
; Sequence 12, Application US/09872051
; Patent No. 6825400
; GENERAL INFORMATION:
; APPLICANT: Monsanto Co
; APPLICANT: Behr, Carl
; APPLICANT: Hironaka, Catherine
; APPLICANT: Heck, Gregory
; APPLICANT: You, Jinsong
; TITLE OF INVENTION: Corn Event PV-2MGT32(nk603) and Composition and Methods for Detect
; FILE REFERENCE: 38-21(52258)B
; CURRENT APPLICATION NUMBER: US/09/872,051
; CURRENT FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: 60/213,567
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 60/241,215
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/240,014
; PRIOR FILING DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 16

SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: source
; LOCATION: (1)..(18)
; OTHER INFORMATION: Agrobacterium tumefaciens nos 3' terminator and rice actin prom
; OTHER INFORMATION: er DN
US-09-872-051-12

Query Match 0.5%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 5.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 547 ACCAAGCTTTTAGAACAG 564
||||| ||||| ||||| |||||
Db 1 ACCAAGCTTTTATATAG 18

RESULT 555

US-08-373-124A-876/C
; Sequence 876, Application US/08373124A
; Patent No. 5846042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draber, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 876:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

iss.ies

Tue Nov 7 10:41:33 2006

```

; TOPOLOGY: linear
US-08-373-124A-876
Query Match 0.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 945 TGAATTTTAAAAATAT 960
Db 17 TGAATTTTAAAAATAT 2

RESULT 556
US-08-373-124A-876/c
; Sequence 878, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 878:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-878
Query Match 0.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 945 TGAATTTTAAAAATAT 960
Db 17 TGAATTTTAAAAATAT 2

RESULT 558
US-08-435-628-878/c
; Sequence 878, Application US/08435628

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Db 16 TGAATTTTAAAAATAT 1

RESULT 557
US-08-435-628-876/c
; Sequence 876, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 876:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-435-628-876
Query Match 0.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 945 TGAATTTTAAAAATAT 960
Db 17 TGAATTTTAAAAATAT 2

RESULT 558
US-08-435-628-878/c
; Sequence 878, Application US/08435628

```

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; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435.628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 878:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-878

Query Match 0.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 945 TGAATTTTAAATAT 960
Db 16 TGATTTTAAATAT 1

RESULT 559
US-08-437-607A-15
; Sequence 15, Application US/08437607A
; Patent No. 5955579
; GENERAL INFORMATION:
; APPLICANT: Leonard, James N. Montminy, Marc R.
; TITLE OF INVENTION: ISLET-SPECIFIC HOMEOPROTEIN AND TRANSCRIPTIONAL
; TITLE OF INVENTION: REGULATOR OF INSULIN GENE EXPRESSION
; NUMBER OF SEQUENCES: 49

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; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/437.607A
; FILING DATE: MAY 9, 1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 1110-1-001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: HGCIX-8
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-08-437-607A-15

Query Match 0.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1387 GAAGTTCGCGCAAG 1402
Db 2 GAAGTTCGCGCAAG 17

RESULT 560
US-09-866-108A-7366
; Sequence 7366, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30

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PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Aemica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 7366
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-7366

Query Match 0.5%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 5.5e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1922 CAGAAATTCAGGTGA 1937
 Db 2 CAGAAATTCAGGTGA 17

RESULT 561
 US-09-866-108A-7367
 Sequence 7367, Application US/09866108A
 Patent No. 6686188
 GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEMICA-7
 CURRENT APPLICATION NUMBER: US 09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Aemica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 7367
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-7367

Query Match 0.5%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 5.5e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1922 CAGAAATTCAGGTGA 1937
 Db 1 CAGAAATTCAGGTGA 16
 RESULT 562
 US-09-866-108A-7677
 Sequence 7677, Application US/09866108A
 Patent No. 6686188
 GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.
 APPLICANT: RANK, David R.
 APPLICANT: CHEN, Wensheng
 APPLICANT: SHANNON, Mark
 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 FILE REFERENCE: AEMICA-7
 CURRENT APPLICATION NUMBER: US 09/866,108A
 CURRENT FILING DATE: 2001-05-25
 PRIOR APPLICATION NUMBER: US 60/207,456
 PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/00666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00667
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00664
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00669
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00665
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00668
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/00663
 PRIOR FILING DATE: 2001-01-30
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 15755
 SOFTWARE: Aemica Sequence Listing Engine
 Patent No. 6686188
 SEQ ID NO 7677
 LENGTH: 17
 TYPE: DNA
 ORGANISM: Homo sapiens
 US-09-866-108A-7677

Query Match 0.5%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 5.5e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 695 GAAGACGACAGGAAG 710
 Db 2 GAAGACGACAGGAAG 17
 RESULT 563
 US-09-866-108A-7678
 Sequence 7678, Application US/09866108A
 Patent No. 6686188
 GENERAL INFORMATION:
 APPLICANT: GU, Yizhong
 APPLICANT: JI, Yonggang
 APPLICANT: PENN, Sharron G.
 APPLICANT: HANZEL, David K.

Tue Nov 7 10:41:33 2006

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; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 142
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-280-409-142

Query Match 0.5%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1943 CCAGGCTTCAGCTGG 1958
Db 16 CCAGGCTTCAGCAGG 1

RESULT 570
US-08-584-040-6260/c
; Sequence 6260, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 6260:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs

; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: C. Frank Bennett
; APPLICANT: Bert W. O'Malley
; TITLE OF INVENTION: ANTISENSE MODULATION OF SRA EXPRESSION
; FILE REFERENCE: RTS-0048
; CURRENT APPLICATION NUMBER: US/09/280,409
; CURRENT FILING DATE: 1999-03-29
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 142
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-280-409-142

Query Match 0.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 411 GCCGCCGCCGCCCTG 426
Db 16 GCCGCCGCCGCCCTCG 1

RESULT 568
US-10-138-674B-9175/c
; Sequence 9175, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9175
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-138-674B-9175

Query Match 0.5%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 5.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2072 TACAGAAGTGACAGCT 2087
Db 17 TACAGAAGTGACAGCT 2

RESULT 569
US-09-280-409-142/c
; Sequence 142, Application US/09280409
; Patent No. 6107092
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; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-6260

Query Match      0.5%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1205 AGCGGGCCAGGACCA 1220
    ||||| |||||
Db 16 AGCGGGCCAGGACCA 1

RESULT 571
US-09-066-281B-16/c
; Sequence 16, Application US/09066281B
; Patent No. 6475783
; GENERAL INFORMATION:
; APPLICANT: LUCAS, Sophie; DE SMET, Charles; BOON-FALLEUR, Thierry
; TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULE CODING
; FOR TUMOR REJECTION ANTIGEN PRECURSOR MAGE-C1 AND MAGE-C2
; TITLE OF INVENTION: AND USES THEREOF
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski L.L.P.
; STREET: 666 Fifth Avenue
; CITY: New York City
; STATE: New York
; COUNTRY: USA
; ZIP: 10103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/066,281B
; FILING DATE: April 24, 1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/845,528
; FILING DATE: April 25, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Mary Anne Schofield
; REGISTRATION NUMBER: 36,669
; REFERENCE/DOCKET NUMBER: LUD 5455.2 US - JEL/MAS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 318-3100
; TELEFAX: (212) 752-5958
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single-stranded
; TOPOLOGY: linear
US-09-066-281B-16

Query Match      0.5%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1317 TCAGCATGACGAGGA 1332
    ||||| |||||
Db 17 TCAGCATGACGAGGA 2

RESULT 572
US-09-535-012A-8
; Sequence 8, Application US/09535012A
; Patent No. 651281
; GENERAL INFORMATION:
; APPLICANT: Elf Exploration Production
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; TITLE OF INVENTION: Method of Detecting Sulphate- Reducing Bacteria
; FILE REFERENCE: 111628-00114
; CURRENT APPLICATION NUMBER: US/09/535,012A
; CURRENT FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: 9903637
; PRIOR FILING DATE: 1999-03-24
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Desulfovibrio vulgaris
; FEATURE:
; OTHER INFORMATION: APS12 primer
US-09-535-012A-8

Query Match      0.5%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2463 TCACCAAGCACTTCCA 2478
    ||||| |||||
Db 1 TCACCAAGCACTTCCA 16

RESULT 573
US-09-371-772B-3018/c
; Sequence 3018, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3018
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3018

Query Match      0.5%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1205 AGCGGGCCAGGACCA 1220
    ||||| |||||
Db 16 AGCGGGCCAGGACCA 1

RESULT 574
US-09-468-433C-16/c
; Sequence 16, Application US/09468433C
; Patent No. 6680191
; GENERAL INFORMATION:
; APPLICANT: LUCAS, Sophie; BOON-FALLEUR, Thierry
; TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULES CODING FOR
; TUMOR REJECTION ANTIGEN PRECURSORS OF MEMBERS OF THE MAGE-C 1
; TITLE OF INVENTION: MAGE-B FAMILIES AND USES THEREOF
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fulbright & Jaworski L.L.P.
```

Tue Nov 7 10:41:33 2006

STREET: 801 Pennsylvania Avenue, NW
CITY: Washington
STATE: District of Columbia
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/468,433C
FILING DATE: December 17, 1999
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/066,281
FILING DATE: April 24, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/845,528
FILING DATE: April 25, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Mary Anne Schofield
REGISTRATION NUMBER: 36,669
REFERENCE/DOCKET NUMBER: LUD 5611 JEL/MAS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 662-0200
TELEFAX: (202) 662-4643
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single-stranded
TOPOLOGY: linear
US-09-468-433C-16

Query Match 0.5%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1317 TCAGCATAGCAGAGGA 1332
DB 17 TCAGCAGCAGCAGAGGA 2

RESULT 575
US-09-685-664B-3018/c
Sequence 3018, Application US/09685664B
Patent No. 6818447
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Related to Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00-876-K (400/021)
CURRENT APPLICATION NUMBER: US/09/685,664B
CURRENT FILING DATE: 2000-10-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
PRIOR APPLICATION NUMBER: US 09/371,772
PRIOR FILING DATE: 1999-08-10
NUMBER OF SEQ ID NOS: 8231
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3018
LENGTH: 18
TYPE: RNA
ORGANISM: Mus musculus
US-09-685-664B-3018

Query Match 0.5%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1205 AGCCGGGCCAGGACCA 1220
DB 16 AGCCGGGCCAGGACCA 1
RESULT 576
US-10-160-237-16/c
Sequence 16, Application US/10160237
Patent No. 7022819
GENERAL INFORMATION:
APPLICANT: LUCAS, Sophie; DE SMET, Charles; BOON-FALLEUR, Thierry
TITLE OF INVENTION: ISOLATED NUCLEIC ACID MOLECULE CODING FOR TUMOR REJECTION ANTIGEN PRECURSOR MAGE-C1 AND MAGE-C2 AND USES THEREOF
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fulbright & Jaworski L.L.P.
STREET: 666 Fifth Avenue
CITY: New York City
STATE: New York
COUNTRY: USA
ZIP: 10103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 360 kb storage
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/160,237
FILING DATE: 04-Jun-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/066,281B
FILING DATE: April 24, 1998
APPLICATION NUMBER: 08/845,528
FILING DATE: April 25, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Mary Anne Schofield
REGISTRATION NUMBER: 36,669
REFERENCE/DOCKET NUMBER: LUD 5455.2 US - JEL/MAS
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 318-3100
TELEFAX: (212) 752-5958
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single-stranded
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-160-237-16

Query Match 0.5%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1317 TCAGCATAGCAGAGGA 1332
DB 17 TCAGCAGCAGCAGAGGA 2

RESULT 577
US-10-138-674B-3018/c
Sequence 3018, Application US/10138674B
Patent No. 7034009
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Pavco, Pam
APPLICANT: MCSwigen, James

```
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3018
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-3018

Query Match      0.5%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 5.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1205 AGCCGGCCAGGACCA 1220
Db 16 AGCCGGCAGCAGGACCA 1

RESULT 578
US-08-332-838-3/c
; Sequence 3, Application US/08332838
; Patent No. 5529916
; GENERAL INFORMATION:
; APPLICANT: Cormack, Brendan P.
; APPLICANT: Falkow, Stanley
; TITLE OF INVENTION: Leukotriene A4 Hydrolase From Candida
; TITLE OF INVENTION: Albicans
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert,
; ADDRESSEE: Attn: R.M. Silva
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/332,838
; FILING DATE: 01-NOV-1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Silva, Robin M.
; REGISTRATION NUMBER: 38,304
; REFERENCE/DOCKET NUMBER: A-60324/RFT/RMS
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; TELEX: 910 277299
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-332-838-3

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAACCAAAAAAAAAA 2720
Db 16 AGCCGGCAGCAGGACCA 1
```

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Db 14 CTAACCAAAAAAAAAA 1

RESULT 579
US-08-173-489C-75
; Sequence 75, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021.
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/968,436
; FILING DATE: 29 OCT 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Handelman, Joseph H.
; REGISTRATION NUMBER: 26,179
; REFERENCE/DOCKET NUMBER: U9518-6
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (attorney) (212) 708-1880
; TELEFAX: (attorney) (212) 246-8959
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: double stranded
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; DESCRIPTION: esterase D gene (Accession # M13450)
; DESCRIPTION: nucleotides 962 to 975
; HYPOTHETICAL: No
; ANTI-SENSE: No
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT: chromosome 13
; MAP POSITION: 13q14.1-q14.2
; PUBLICATION INFORMATION:
; AUTHORS: Lee, E Y H P, Lee, W H.
; TITLE: Molecular cloning of the
; TITLE: human esterase D gene, a genetic marker of
; TITLE: retinoblastoma
; JOURNAL: Proceedings of the National Academy of
; JOURNAL: Sciences, USA
; VOLUME: 83
; PAGES: 6337-6341
; DATE: 1986
; RELEVANT RESIDUES IN SEQ ID NO: 75 :FROM 1 TO 14
US-08-173-489C-75

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2722
Db 14 CTAACCAAAAAAAAAA 1
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Tue Nov 7 10:41:33 2006

Db 1 AAAAAAAAAAAAAA 14

RESULT 580

US-08-173-489C-76/C
Sequence 76, Application US/08173489C
Patent No. 5861244

GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESSES:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173.489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959

INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 bases
TYPE: Nucleic acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from esterase D
DESCRIPTION: sequence region in Seq ID No. 586124475
HYPOTHETICAL: Yes
ANTI-SENSE: NO
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 76 :FROM 1 TO 14

US-08-173-489C-76
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 581

US-08-832-021-7/C

Sequence 7, Application US/08832021
Patent No. 6045998
GENERAL INFORMATION:
APPLICANT: Combates, N.
APPLICANT: Pardinas, J.
APPLICANT: Parimoo, S.
APPLICANT: Prouty, S.

APPLICANT: Stem, K.
TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
FILE REFERENCE: JBP-382
CURRENT APPLICATION NUMBER: US/08/832,021
CURRENT FILING DATE: 1997-04-02
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 14
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-7

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2707 CTAATAAAAAAAAA 2720
Db 14 CTAATAAAAAAAAA 1

RESULT 582

US-08-724-466B-16/C

Sequence 16, Application US/08724466B
Patent No. 6063606
GENERAL INFORMATION:
APPLICANT: Petkovich, P. Martin, White, Jay A.,
APPLICANT: Beckett, Barbara R., Jones, Glenville
TITLE OF INVENTION: Retinoid Metabolizing Protein
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Blake, Cassels & Graydon
STREET: Box 25, Commerce Court West
CITY: Toronto
COUNTRY: Canada
ZIP: M5L 1A9
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4 Mb storage
COMPUTER: COMPAQ, IBM PC compatible
OPERATING SYSTEM: MS-DOS 5.1
SOFTWARE: WORD PERFECT
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/724,466B
FILING DATE: October 1, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/667,546
FILING DATE: June 21, 1996
ATTORNEY/AGENT INFORMATION:
NAME: Hunt, John C.
REGISTRATION NUMBER: 36,424
REFERENCE/DOCKET NUMBER: 50767/00004
TELEPHONE: (416) 863-4344
TELEFAX: (416) 863-2653

INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-724-466B-16
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2707 CTAATAAAAAAAAA 2720
Db 14 CTAATAAAAAAAAA 1

RESULT 583

US-08-991-789A-130/c
; Sequence 130, Application US/08991789A
; Patent No. 6225054
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony N.
; Smith, John M.
; Reed, Steven G.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TREATMENT AND DIAGNOSIS OF BREAST CANCER
; NUMBER OF SEQUENCES: 292
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed IP Law Group
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA: US/08/991,789A
; APPLICATION NUMBER: US/08/991,789A
; FILING DATE: 11-Dec-1997
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Potter, Jane E. R.
; REGISTRATION NUMBER: 33,332
; REFERENCE/DOCKET NUMBER: 210121.419C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 130:
US-08-991-789A-130

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2707 CTAATAAAAAAAAAA 2720
Db 14 CTAATAAAAAAAAAA 1

RESULT 584

US-08-882-164D-16/c
; Sequence 16, Application US/08882164D
; Patent No. 6306624
; GENERAL INFORMATION:
; APPLICANT: Petkovich, P. Martin, White, Jay A.,
; Beckett, Barbara R., Jones, Glenville
; TITLE OF INVENTION: Retinoid Metabolizing Protein
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Blake, Cassels & Graydon
; STREET: Box 25, Commerce Court West
; CITY: Toronto
; STATE: Ontario
; COUNTRY: Canada
; ZIP: M5L 1A9
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4 Mb storage
; COMPUTER: COMPAQ, IBM PC compatible
; OPERATING SYSTEM: MS-DOS 5.1

; SOFTWARE: WORD PERFECT
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/882,164D
; FILING DATE: June 25, 1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/667,546
; FILING DATE: June 21, 1996
; APPLICATION NUMBER: 08/724,466
; FILING DATE: October 1, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Hunt, John C.
; REGISTRATION NUMBER: 36,424
; REFERENCE/DOCKET NUMBER: 50767/00010
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (416) 863-4344
; TELEFAX: (416) 863-2653
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-882-164D-16

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2707 CTAATAAAAAAAAAA 2720
Db 14 CTAATAAAAAAAAAA 1

RESULT 585

US-09-062-451-130/c
; Sequence 130, Application US/09062451
; Patent No. 6344550
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony N.
; APPLICANT: Smith, John M.
; APPLICANT: Reed, Steven G.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TREATMENT AND DIAGNOSIS OF BREAST CANCER
; NUMBER OF SEQUENCES: 297
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/062,451
; FILING DATE: 04-APR-1997
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.419C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

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US-09-062-451-130
Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAAGAAAAA 2720
Db 14 CTAAGAAAAA 1

RESULT 586
US-09-462-569B-1/c
; Sequence 1, Application US/09462569B
; Patent No. 6392124
; GENERAL INFORMATION:
; APPLICANT: PONZ ASCASO, Fernando
; APPLICANT: TORRES PASCUAL, Vicente
; APPLICANT: SANCHEZ SANCHEZ, Florentina
; APPLICANT: MARTINEZ HERRERA, David
; TITLE OF INVENTION: INFECTIOUS VECTORS AND CLONES OF PLANTS DERIVED FROM
; TITLE OF INVENTION: THE TURNIP MOSAIC VIRUS (TuMV)
; FILE REFERENCE: P/613-110
; CURRENT APPLICATION NUMBER: US/09/462,569B
; CURRENT FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: PCT/ES98/00200
; PRIOR FILING DATE: 1998-07-09
; PRIOR FILING DATE: 1997-07-09
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: construct
US-09-462-569B-1

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA 2722
Db 14 AAAAAA 1

RESULT 587
US-09-598-326-130/C
; Sequence 130, Application US/09598326
; Patent No. 6423496
; GENERAL INFORMATION:
; APPLICANT: Fridakis, Tony N.
; APPLICANT: Smith, Steven G.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TREATMENT AND DIAGNOSIS OF BREAST CANCER
; NUMBER OF SEQUENCES: 247
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

US-09-598-326-130
APPLICATION NUMBER: US/09/598,326
FILING DATE: 20-Jun-2000
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Potter, Jane E.R.
REGISTRATION NUMBER: 33,332
REFERENCE/DOCKET NUMBER: 210121.419D1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 130:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 130:
US-09-598-326-130
Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAAGAAAAA 2720
Db 14 CTAAGAAAAA 1

RESULT 588
US-09-619-103-20
; Sequence 20, Application US/09619103
; Patent No. 6429300
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/09/619,103
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-09-619-103-20
Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA 2722
Db 1 AAAAAA 14

RESULT 589
US-09-370-838-47/c
; Sequence 47, Application US/09370838
; Patent No. 6444425
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Mohamath, Roadoh
; APPLICANT: Secrist, Heather
; TITLE OF INVENTION: COMPOUNDS FOR THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: LUNG CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.475C1

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; CURRENT APPLICATION NUMBER: US/09/370,838
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: US 09/285,323
; EARLIER FILING DATE: 1999-04-02
; NUMBER OF SEQ ID NOS: 289
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 47
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-370-838-47

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAACAAAAA 2720
| | | | | | | | | |
DB 14 CTAACAAAAA 1

RESULT 590
US-09-289-198-130/c
; Sequence 130, Application US/09289198
; Patent No. 6586570
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony N.
; APPLICANT: Smith, John M.
; APPLICANT: Reed, Steven G.
; APPLICANT: Misher, Lynda
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C5
; CURRENT APPLICATION NUMBER: US/09/289,198
; CURRENT FILING DATE: 1999-04-09
; EARLIER APPLICATION NUMBER: US 09/062,451
; EARLIER FILING DATE: 1998-04-17
; EARLIER APPLICATION NUMBER: US 08/991,789
; EARLIER FILING DATE: 1997-12-11
; EARLIER APPLICATION NUMBER: US 08/838,762
; EARLIER FILING DATE: 1997-04-09
; EARLIER APPLICATION NUMBER: PCT/US97/00485
; EARLIER FILING DATE: 1997-01-10
; EARLIER APPLICATION NUMBER: US 08/700,014
; EARLIER FILING DATE: 1996-08-20
; EARLIER APPLICATION NUMBER: US 08/585,392
; EARLIER FILING DATE: 1996-01-01
; NUMBER OF SEQ ID NOS: 312
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-289-198-130

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAACAAAAA 2720
| | | | | | | | | |
DB 14 CTAACAAAAA 1

RESULT 591
US-09-429-755-130/c
; Sequence 130, Application US/09429755A
; Patent No. 6656480
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony N.
; APPLICANT: Smith, John M.

; APPLICANT: Reed, Steven G.
; APPLICANT: Misher, Lynda
; APPLICANT: Retter, Marc W.
; APPLICANT: Dillon, Davin C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C6
; CURRENT APPLICATION NUMBER: US/09/429,755A
; CURRENT FILING DATE: 1999-10-28
; NUMBER OF SEQ ID NOS: 315
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-429-755-130

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAACAAAAA 2720
| | | | | | | | | |
DB 14 CTAACAAAAA 1

RESULT 592
US-10-103-614A-2/c
; Sequence 2, Application US/10103614A
; Patent No. 6716585
; GENERAL INFORMATION:
; APPLICANT: SALMAN AL-MAHMOOD
; TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INVOLVED IN THE
; TITLE OF INVENTION: REGULATION OF ANGIOGENESIS, STUDY OF SAID GENES AND USE
; TITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES
; FILE REFERENCE: 1071-02
; CURRENT APPLICATION NUMBER: US/10/103,614A
; CURRENT FILING DATE: 2002-08-22
; PRIOR APPLICATION NUMBER: PCT/FR00/02607
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: FR 99/11790
; PRIOR FILING DATE: 1999-09-21
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-103-614A-2

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAACAAAAA 2720
| | | | | | | | | |
DB 14 CTAACAAAAA 1

RESULT 593
US-09-854-133-47/c
; Sequence 47, Application US/09854133
; Patent No. 6759508
; GENERAL INFORMATION:
; APPLICANT: Lodes, Michael J.
; APPLICANT: Mohamath, Raodoh
; APPLICANT: Henderson, Robert A.
; APPLICANT: Benson, Darin R.
; APPLICANT: Secrist, Heather

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; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; TITLE OF INVENTION: THE THERAPY AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.475C10
; CURRENT APPLICATION NUMBER: US/09/854,133
; CURRENT FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 735
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 47
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-854-133-47

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAACAAAAA 2720
Db 14 CTAACAAAAA 1

RESULT 594
US-09-152-059-65/c
; Sequence 65, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 65
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-65

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA 2722
Db 14 AAAAAA 1

RESULT 595
US-09-152-059-66/c
; Sequence 66, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 66
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-66

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA 2722
Db 14 AAAAAA 1

RESULT 596
US-09-152-059-67/c
; Sequence 67, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 67
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-67
```

```
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-67

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 597
US-09-152-059-68/c
; Sequence 68, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,293
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 68
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-68

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 597
US-09-152-059-68/c
; Sequence 68, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1997-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 68
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-68

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1
```

```
Db 14 AAAAAAAAAAAAAA 1

RESULT 598
US-09-152-059-80/c
; Sequence 80, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 80
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-80

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 599
US-09-152-059-81
; Sequence 81, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
```

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; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-81

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 600
US-09-152-059-82
; Sequence 82, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 82
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-82

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 601
US-09-152-059-83/c
; Sequence 83, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
```

```
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-84

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 603
US-09-152-059-85
; Sequence 85, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 85
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-86

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 604
US-09-152-059-86/c
; Sequence 86, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
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```
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-84

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 605
US-09-152-059-87
; Sequence 87, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 87
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-87

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Tue Nov 7 10:41:33 2006

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; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 89
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-89
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 608
US-09-152-059-90
; Sequence 90, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 88
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-88
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 607
US-09-152-059-89/c
; Sequence 89, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 88
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-89/c
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 609
US-09-152-059-91
; Sequence 91, Application US/09152059

```

```
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 91
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-91
```

```
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 610
US-09-152-059-92/c
; Sequence 92, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 92
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
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; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
US-09-152-059-92
```

```
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 611
US-09-152-059-93
; Sequence 93, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 93
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-93
```

```
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14
```

```
RESULT 612
US-09-152-059-94
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```
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 98
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-98

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
DB 14 AAAAAAAAAAAAAA 1

RESULT 616
US-09-152-059-99
; Sequence 99, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 99
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-99

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
DB 14 AAAAAAAAAAAAAA 1

RESULT 616
US-09-152-059-99
; Sequence 99, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 99
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-99

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
DB 14 AAAAAAAAAAAAAA 1

RESULT 616
US-09-152-059-100/c
; Sequence 101, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
DB 1 AAAAAAAAAAAAAA 14

RESULT 617
US-09-152-059-100
; Sequence 100, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 100
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-100

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
DB 1 AAAAAAAAAAAAAA 14

RESULT 618
US-09-152-059-101/c
; Sequence 101, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
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; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 101
; TYPE: DNA
; ORGANISM: Artificial Sequence
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-101

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 619
US-09-152-059-102
; Sequence 102, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 102
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-102

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 14

RESULT 620
US-09-152-059-104/c
; Sequence 104, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 104
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-103

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 621
US-09-152-059-104/c
; Sequence 104, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 103
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-103

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-104

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 622
US-09-152-059-105
; Sequence 105, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 105
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-105

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 14

RESULT 623
US-09-152-059-106
; Sequence 106, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER

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; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 106
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-106

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 624
US-09-152-059-107/c
; Sequence 107, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)..(9)

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;
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-107

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 625
US-09-152-059-108
; Sequence 108, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 108
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-108

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 626
US-09-152-059-109
; Sequence 109, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 109
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-109

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 627
US-09-152-059-110/c
; Sequence 110, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 110
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-109

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 628
US-09-152-059-111/c
; Sequence 111, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 111
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-111
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; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-110

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 628
US-09-152-059-111
; Sequence 111, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 111
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-111

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 629
US-09-152-059-112
; Sequence 112, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 111
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-111

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 630
US-09-152-059-113/c
; Sequence 113, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 113
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (1)..(13)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-113

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
```

iss.res

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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
| | | | | | | | | | | | | | | |
Db 14 AAAAAAAAAAAAAA 1

RESULT 631

US-09-152-059-114
; Sequence 114, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 114
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-114

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
| | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAA 14

RESULT 632

US-09-152-059-115
; Sequence 115, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 115
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-115

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
| | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAA 14

RESULT 633

US-09-152-059-117/c
; Sequence 117, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 117
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-117

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
| | | | | | | | | | | | | | | |
Db 14 AAAAAAAAAAAAAA 1

RESULT 634

```
US-09-152-059-118
; Sequence 118, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1997-09-12
; PRIOR FILING DATE: 1997-09-12
; PRIOR FILING DATE: 1997-12-19
; PRIOR FILING DATE: 1997-12-19
; PRIOR FILING DATE: 1998-01-16
; PRIOR FILING DATE: 1998-01-16
; PRIOR FILING DATE: 1998-03-03
; PRIOR FILING DATE: 1998-04-29
; PRIOR FILING DATE: 1998-04-29
; PRIOR FILING DATE: 1998-06-05
; PRIOR FILING DATE: 1998-06-05
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 118
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-118

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
   |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 635
US-09-152-059-119
; Sequence 119, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1997-09-12
; PRIOR FILING DATE: 1997-09-12
; PRIOR FILING DATE: 1997-12-19
; PRIOR FILING DATE: 1997-12-19
; PRIOR FILING DATE: 1998-01-16
; PRIOR FILING DATE: 1998-01-16
; PRIOR FILING DATE: 1998-03-03
; PRIOR FILING DATE: 1998-04-29
; PRIOR FILING DATE: 1998-04-29
; PRIOR FILING DATE: 1998-06-05
; PRIOR FILING DATE: 1998-06-05
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 119
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-119

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
   |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 635
US-09-152-059-119
; Sequence 119, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1997-09-12
; PRIOR FILING DATE: 1997-09-12
; PRIOR FILING DATE: 1997-12-19
; PRIOR FILING DATE: 1997-12-19
; PRIOR FILING DATE: 1998-01-16
; PRIOR FILING DATE: 1998-01-16
; PRIOR FILING DATE: 1998-03-03
; PRIOR FILING DATE: 1998-04-29
; PRIOR FILING DATE: 1998-04-29
; PRIOR FILING DATE: 1998-06-05
; PRIOR FILING DATE: 1998-06-05
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 119
; LENGTH: 14
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-119

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
   |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 637
US-09-152-059-120/c
; Sequence 120, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1997-09-12
; PRIOR FILING DATE: 1997-09-12
; PRIOR FILING DATE: 1997-12-19
; PRIOR FILING DATE: 1997-12-19
; PRIOR FILING DATE: 1998-01-16
; PRIOR FILING DATE: 1998-01-16
; PRIOR FILING DATE: 1998-03-03
; PRIOR FILING DATE: 1998-03-03
; PRIOR FILING DATE: 1998-04-29
; PRIOR FILING DATE: 1998-04-29
; PRIOR FILING DATE: 1998-06-05
; PRIOR FILING DATE: 1998-06-05
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 120
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-120

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
   |||||
Db 14 AAAAAAAAAAAAAA 1

RESULT 637
US-09-152-059-121
; Sequence 121, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
```

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Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14
RESULT 639
US-09-152-059-123/c
; Sequence 123, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 121
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-09-152-059-121

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 638
US-09-152-059-122
; Sequence 122, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 122
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-09-152-059-122

Query Match 0.5%; Score 14; DB 1; Length 14;

US-09-152-059-123
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 640
US-09-152-059-124
; Sequence 124, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293

; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 124
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-124

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
|||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 641
US-09-152-059-125
; Sequence 125, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-125

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
|||||

Db 1 AAAAAAAAAAAAAA 14
RESULT 642
US-09-152-059-126/c
; Sequence 126, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 126
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-126

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
|||||
Db 14 AAAAAAAAAAAAAA 1

RESULT 643
US-09-152-059-127
; Sequence 127, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309

iss.res

Tue Nov 7 10:41:33 2006

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; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 127
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-127
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
| | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAA 14

RESULT 644
US-09-152-059-128
; Sequence 128, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 128
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-128
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
| | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAA 14

RESULT 645
US-09-152-059-129/c
; Sequence 129, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
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; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 129
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-129
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
| | | | | | | | | | | | | | | |
Db 14 AAAAAAAAAAAAAA 1

RESULT 646
US-09-152-059-130
; Sequence 130, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 130
; LENGTH: 14
; TYPE: DNA
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-130

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 647
US-09-152-059-131
; Sequence 131, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 131
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-132

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 649
US-09-152-059-133
; Sequence 133, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 133
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-131

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 648
US-09-152-059-132/c
; Sequence 132, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12

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; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 132
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-132

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 649
US-09-152-059-133
; Sequence 133, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 133
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-133

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;

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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 650
US-09-152-059-134
; Sequence 134, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 134
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-134

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 651
US-09-152-059-135/c
; Sequence 135, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 135
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-135/c

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 652
US-09-152-059-136
; Sequence 136, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 136
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-136

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14
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RESULT 653
US-09-152-059-137
; Sequence 137, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 137
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-137

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAA 2722
      |||||
Db      1 AAAAAAAAAAAAAA 14

RESULT 654
US-09-152-059-138/c
; Sequence 138, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 139
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-139

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAA 2722
      |||||
Db      1 AAAAAAAAAAAAAA 14

RESULT 655
US-09-152-059-139
; Sequence 139, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 139
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-152-059-139

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAA 2722
      |||||
Db      1 AAAAAAAAAAAAAA 14

RESULT 656
US-09-152-059-140
; Sequence 140, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
```

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;
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 140
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
;
US-09-152-059-140
;
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
DB 1 AAAAAAAAAAAAAA 14

RESULT 657
US-09-152-059-141/c
; Sequence 141, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 141
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
;
US-09-152-059-141
;
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
DB 1 AAAAAAAAAAAAAA 14

RESULT 658
US-09-152-059-142
; Sequence 142, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 142
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
;
US-09-152-059-142
;
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
DB 1 AAAAAAAAAAAAAA 14

RESULT 659
US-09-152-059-143
; Sequence 143, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:

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```
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 143
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-143

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAA 2722
        |||||
Db      1 AAAAAAAAAAAAAA 14

RESULT 660
US-09-152-059-144/c
; Sequence 144, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 144
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
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; LOCATION: (1)..(13)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-09-152-059-144

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAA 2722
        |||||
Db      1 AAAAAAAAAAAAAA 14

RESULT 661
US-09-152-059-145
; Sequence 145, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 145
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-145

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAA 2722
        |||||
Db      1 AAAAAAAAAAAAAA 14

RESULT 662
US-09-152-059-146
; Sequence 146, Application US/09152059
; Patent No. 6794499
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
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; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 146
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-146

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 663
US-09-699-295-130/c
; Sequence 130, Application US/09699295
; Patent No. 6828431
; GENERAL INFORMATION:
; APPLICANT: Frudakis, Tony N.
; APPLICANT: Reed, Steven G.
; APPLICANT: Smith, John M.
; APPLICANT: Misher, Linda E.
; APPLICANT: Dillon, Davin C.
; APPLICANT: Retter, Marc W.
; APPLICANT: Wang, Aijun
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Harlocker, Susan L.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C10
; CURRENT APPLICATION NUMBER: US/09/699,295
; CURRENT FILING DATE: 2000-10-26
; NUMBER OF SEQ ID NOS: 326
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-699-295-130

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2707 CTAATAAAAAAAAA 2720
Db 14 CTAATAAAAAAAAA 1

RESULT 664
US-09-859-736-7/c
; Sequence 7, Application US/09859736

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; Patent No. 6838244
; GENERAL INFORMATION:
; APPLICANT: LI, WAN-LIANG ROBERT
; APPLICANT: ZHOU, JIAN S.
; TITLE OF INVENTION: FLUORESCENT OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 16517,248
; CURRENT APPLICATION NUMBER: US/09/859,736
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: 60/205,452
; PRIOR FILING DATE: 2000-05-19
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: dt oligonucleotide
US-09-859-736-7

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 665
US-09-668-482-16/c
; Sequence 16, Application US/09668482
; Patent No. 6861238
; GENERAL INFORMATION:
; APPLICANT: Petkovich, P. Martin, White, Jay A.,
; Beckett, Barbara R., Jones, Glenville
; TITLE OF INVENTION: Retinoid Metabolizing Protein
; NUMBER OF SEQUENCES: 43
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Blake, Cassels & Graydon
; STREET: Box 25, Commerce Court West
; CITY: Toronto
; STATE: Ontario
; COUNTRY: Canada
; ZIP: M5L 1A9
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3 1/2 inch, 1.4 Mb storage
; COMPUTER: COMPAQ, IBM PC compatible
; OPERATING SYSTEM: MS-DOS 5.1
; SOFTWARE: WORD PERFECT
; CURRENT APPLICATION NUMBER: US/09/668,482
; FILING DATE: 25-Sep-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/882,164
; FILING DATE: June 25, 1997
; APPLICATION NUMBER: 08/667,546
; FILING DATE: June 21, 1996
; APPLICATION NUMBER: 08/724,466
; FILING DATE: October 1, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Hunt, John C.
; REGISTRATION NUMBER: 36,424
; REFERENCE/DOCKET NUMBER: 50767/00010
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (416) 863-4344
; TELEFAX: (416) 863-2653
; INFORMATION FOR SEQ ID NO: 16
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

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; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 16
US-09-668-482-16

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAAGAAAAA 2720
Db 14 CTAAGAAAAA 1

RESULT 666

US-09-534-825A-130/c
; Sequence 130, Application US/09534825A
; Patent No. 6861506
; GENERAL INFORMATION:
; APPLICANT: Prudakis, Tony N.
; APPLICANT: Smith, John M.
; APPLICANT: Reed, Steven G.
; APPLICANT: Misher, Lynda
; APPLICANT: Retter, Marc W.
; APPLICANT: Dillon, Davin C.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TREATMENT AND DIAGNOSIS OF BREAST CANCER
; FILE REFERENCE: 210121.419C7
; CURRENT APPLICATION NUMBER: US/09/534,825A
; CURRENT FILING DATE: 2000-03-23
; NUMBER OF SEQ ID NOS: 317
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-534-825A-130

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAAGAAAAA 2720
Db 14 CTAAGAAAAA 1

RESULT 667

US-08-252-778-47
; Sequence 47, Application US/08252778
; Patent No. 6902907
; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Riordan, John R.
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Kerem, Bat-Sheva
; APPLICANT: Buchwald, Manuel
; APPLICANT: Collins, Francis S.
; APPLICANT: Iannuzzi, Michael C.
; APPLICANT: Drumm, Mitchell L.
; TITLE OF INVENTION: Cystic Fibrosis Gene
; FILE REFERENCE: 1329.0010004
; CURRENT APPLICATION NUMBER: US/08/252,778
; CURRENT FILING DATE: 1994-06-02
; PRIOR APPLICATION NUMBER: US 08/123,864
; PRIOR FILING DATE: 1993-09-20
; PRIOR APPLICATION NUMBER: US 07/401,609
; PRIOR FILING DATE: 1989-08-31
; PRIOR APPLICATION NUMBER: US 07/399,945
; PRIOR FILING DATE: 1989-08-24
; PRIOR APPLICATION NUMBER: US 07/396,894
; PRIOR FILING DATE: 1989-08-22

; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47

; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer extension characterizing the 5' and 3' ends of the CFTR
US-08-252-778-47

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA 2722
Db 1 AAAAAA 14

RESULT 668

US-10-764-393-11
; Sequence 11, Application US/10764393
; Patent No. 6949659
; GENERAL INFORMATION:
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: RABBANI, ELAZAR
; TITLE OF INVENTION: LABELING REAGENTS AND LABELED TARGETS, TARGET LABELING
; PROCESSES AND OTHER PROCESSES FOR USING SAME IN NUCLEIC
; ACID DETERMINATIONS AND ANALYSES
; FILE REFERENCE: ENZ-61
; CURRENT APPLICATION NUMBER: US/10/764,393
; CURRENT FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: US/10/096,075
; PRIOR FILING DATE: 2002-03-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-764-393-11

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA 2722
Db 1 AAAAAA 14

RESULT 669

US-09-512-581D-65/c
; Sequence 65, Application US/09512581D
; Patent No. 6994992
; GENERAL INFORMATION:
; APPLICANT: Soto, Ana M.
; APPLICANT: Sonnenschein, Carlos
; APPLICANT: Geck, Peter
; APPLICANT: Szelei, Jozsef
; TITLE OF INVENTION: NOVEL ANDROGEN-INDUCED SUPPRESSOR OF CELL PROLIFERATION AND USES
; FILE REFERENCE: 34724-026
; CURRENT APPLICATION NUMBER: US/09/512,581D
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/121,461
; PRIOR FILING DATE: 1999-02-24
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 65
; LENGTH: 14

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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-512-581D-65

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAACAAAAA 2720
Db 14 CTAACAAAAA 1

RESULT 670
US-08-852-495C-20
; Sequence 20, Application US/08852495C
; Patent No. 7026116
; GENERAL INFORMATION:
; APPLICANT: Ruddy, David A.
; APPLICANT: Wolff, Roger K.
; TITLE OF INVENTION: POLYMORPHISMS IN THE REGION OF THE HUMAN
; TITLE OF INVENTION: HEMOCHROMATOSIS GENE
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds, LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/852,495C
; FILING DATE: 07-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Poissant, Brian M
; REGISTRATION NUMBER: 28,462
; REFERENCE/DOCKET NUMBER: 8907-0057-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-493-4935
; TELEFAX: 650-493-5556
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-952-495C-20

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA 2722
Db 1 AAAAAA 14

RESULT 671
US-10-208-650-65/c
; Sequence 65, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
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; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 66
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-66

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
| | | | | | | | | | | | | | | |
Db 14 AAAAAAAAAAAAAA 1

RESULT 673
US-10-208-650-67/c
; Sequence 67, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 67
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
US-10-208-650-67

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2709 AAAAAAAAAAAAAA 2722
| | | | | | | | | | | | | | | |
Db 14 AAAAAAAAAAAAAA 1

RESULT 674
US-10-208-650-68/c
; Sequence 68, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 68
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
US-10-208-650-68

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
| | | | | | | | | | | | | | | |
Db 14 AAAAAAAAAAAAAA 1

RESULT 675

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US-10-208-650-80/c
; Sequence 80, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 80
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-81
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;
QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 677
US-10-208-650-82
; Sequence 82, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 82
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-82
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;
QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 676
US-10-208-650-81
; Sequence 81, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-80
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;
QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

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RESULT 678
US-10-208-650-83/c
; Sequence 83, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 1998-03-03
; PRIOR FILING DATE: 1997-12-19
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 83
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
;
Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 679
US-10-208-650-84
; Sequence 84, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 1998-03-03
; PRIOR FILING DATE: 1997-12-19
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR APPLICATION NUMBER: 60/071,682
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 83
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
;
Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 678
US-10-208-650-83/c
; Sequence 83, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 1998-03-03
; PRIOR FILING DATE: 1997-12-19
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 83
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
;
Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 680
US-10-208-650-85
; Sequence 85, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 85
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
;
Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 680
US-10-208-650-85
; Sequence 85, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 85
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
;
Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 87
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
;
US-10-208-650-87
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14
|||||

RESULT 683
US-10-208-650-88
; Sequence 88, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 86
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
;
US-10-208-650-86
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1
|||||

RESULT 682
US-10-208-650-87
; Sequence 87, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
;

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Query Match 0.5%; Score 14; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
 Db 1 AAAAAAAAAAAAAA 14

RESULT 684

US-10-208-650-89/c
 ; Sequence 89, Application US/10208650
 ; Patent No. 7034133
 ; GENERAL INFORMATION:
 ; APPLICANT: WENGEL, JESPER
 ; APPLICANT: NIELSEN, POUL
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
 ; FILE REFERENCE: 49165-C2(71994)
 ; CURRENT APPLICATION NUMBER: US/10/208,650
 ; CURRENT FILING DATE: 2002-07-29
 ; PRIOR APPLICATION NUMBER: US/10/008,029
 ; PRIOR FILING DATE: 2001-11-05
 ; PRIOR APPLICATION NUMBER: 09/152,059
 ; PRIOR FILING DATE: 1998-09-11
 ; PRIOR APPLICATION NUMBER: 60/058,541
 ; PRIOR FILING DATE: 1997-09-12
 ; PRIOR APPLICATION NUMBER: 60/068,293
 ; PRIOR FILING DATE: 1997-12-19
 ; PRIOR APPLICATION NUMBER: 60/071,682
 ; PRIOR FILING DATE: 1998-01-16
 ; PRIOR APPLICATION NUMBER: 60/076,591
 ; PRIOR FILING DATE: 1998-03-03
 ; PRIOR APPLICATION NUMBER: 60/083,507
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/088,309
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/094,355
 ; PRIOR FILING DATE: 1998-07-28
 ; NUMBER OF SEQ ID NOS: 146
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 89
 ; LENGTH: 14
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
 ; OTHER INFORMATION: oligonucleotide
 ; FEATURE:
 ; NAME/KEY: modified base
 ; LOCATION: (6)..(9)
 ; OTHER INFORMATION: LNA monomer
 US-10-208-650-89.

Query Match 0.5%; Score 14; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
 Db 14 AAAAAAAAAAAAAA 1

RESULT 685

US-10-208-650-90
 ; Sequence 90, Application US/10208650
 ; Patent No. 7034133
 ; GENERAL INFORMATION:
 ; APPLICANT: WENGEL, JESPER
 ; APPLICANT: NIELSEN, POUL
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
 ; FILE REFERENCE: 49165-C2(71994)
 ; CURRENT APPLICATION NUMBER: US/10/208,650

; CURRENT FILING DATE: 2002-07-29
 ; PRIOR APPLICATION NUMBER: US/10/008,029
 ; PRIOR FILING DATE: 2001-11-05
 ; PRIOR APPLICATION NUMBER: 09/152,059
 ; PRIOR FILING DATE: 1998-09-11
 ; PRIOR APPLICATION NUMBER: 60/058,541
 ; PRIOR FILING DATE: 1997-09-12
 ; PRIOR APPLICATION NUMBER: 60/068,293
 ; PRIOR FILING DATE: 1997-12-19
 ; PRIOR APPLICATION NUMBER: 60/071,682
 ; PRIOR FILING DATE: 1998-01-16
 ; PRIOR APPLICATION NUMBER: 60/076,591
 ; PRIOR FILING DATE: 1998-03-03
 ; PRIOR APPLICATION NUMBER: 60/083,507
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/088,309
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/094,355
 ; PRIOR FILING DATE: 1998-07-28
 ; NUMBER OF SEQ ID NOS: 146
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 90
 ; LENGTH: 14
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 ; OTHER INFORMATION: oligonucleotide
 US-10-208-650-90

Query Match 0.5%; Score 14; DB 1; Length 14;
 Best Local Similarity 100.0%; Pred. No. 5.1e+02;
 Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
 Db 1 AAAAAAAAAAAAAA 14

RESULT 686

US-10-208-650-91
 ; Sequence 91, Application US/10208650
 ; Patent No. 7034133
 ; GENERAL INFORMATION:
 ; APPLICANT: WENGEL, JESPER
 ; APPLICANT: NIELSEN, POUL
 ; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
 ; FILE REFERENCE: 49165-C2(71994)
 ; CURRENT APPLICATION NUMBER: US/10/208,650
 ; CURRENT FILING DATE: 2002-07-29
 ; PRIOR APPLICATION NUMBER: US/10/008,029
 ; PRIOR FILING DATE: 2001-11-05
 ; PRIOR APPLICATION NUMBER: 09/152,059
 ; PRIOR FILING DATE: 1998-09-11
 ; PRIOR APPLICATION NUMBER: 60/058,541
 ; PRIOR FILING DATE: 1997-09-12
 ; PRIOR APPLICATION NUMBER: 60/068,293
 ; PRIOR FILING DATE: 1997-12-19
 ; PRIOR APPLICATION NUMBER: 60/071,682
 ; PRIOR FILING DATE: 1998-01-16
 ; PRIOR APPLICATION NUMBER: 60/076,591
 ; PRIOR FILING DATE: 1998-03-03
 ; PRIOR APPLICATION NUMBER: 60/083,507
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/088,309
 ; PRIOR FILING DATE: 1998-06-05
 ; PRIOR APPLICATION NUMBER: 60/094,355
 ; PRIOR FILING DATE: 1998-07-28
 ; NUMBER OF SEQ ID NOS: 146
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 91
 ; LENGTH: 14
 ; TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-91

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 687
US-10-208-650-92/c
; Sequence 92, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 92
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
US-10-208-650-92

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 688
US-10-208-650-93
; Sequence 93, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 93
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-93

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 689
US-10-208-650-94
; Sequence 94, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12


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; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 94
; TYPE: DNA
; LENGTH: 14
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-94

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 690
US-10-208-650-96
; Sequence 96, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 96
; TYPE: DNA
; LENGTH: 14
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-96

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 690
US-10-208-650-96
; Sequence 96, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 96
; TYPE: DNA
; LENGTH: 14
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-96

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 691
US-10-208-650-97
; Sequence 97, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 97
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-97

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 692
US-10-208-650-98/c
; Sequence 98, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
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Tue Nov 7 10:41:33 2006

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; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-99

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 694
US-10-208-650-100
; Sequence 100, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 100
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-98

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 693
US-10-208-650-99
; Sequence 99, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 99
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-100

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 695
US-10-208-650-101/c
; Sequence 101, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29

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; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 101
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-101

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 696
US-10-208-650-102
; Sequence 102, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 101
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
```

```
; SEQ ID NO 102
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-102

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 697
US-10-208-650-103
; Sequence 103, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 103
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-103

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 698
US-10-208-650-104/c
; Sequence 104, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
```


Db 1 AAAAAAAAAAAAAA 14

RESULT 701

US-10-208-650-107/c

Sequence 107, Application US/10208650

Patent No. 7034133

GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

APPLICANT: NIELSEN, POUL

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165-C2(71994)

CURRENT APPLICATION NUMBER: US/10/208,650

CURRENT FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US/10/008,029

PRIOR FILING DATE: 2001-11-05

PRIOR APPLICATION NUMBER: 09/152,059

PRIOR FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

PRIOR FILING DATE: 1998-03-03

PRIOR APPLICATION NUMBER: 60/083,507

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/088,309

PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/094,355

PRIOR FILING DATE: 1998-07-28

NUMBER OF SEQ ID NOS: 146

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 107

LENGTH: 14

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: LNA modified

OTHER INFORMATION: oligonucleotide

FEATURE:

NAME/KEY: modified_base

LOCATION: (6)..(9)

OTHER INFORMATION: LNA monomer

US-10-208-650-107

Query Match 0.5%; Score 14; DB 1; Length 14;

Best Local Similarity 100.0%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722

Db 14 AAAAAAAAAAAAAA 1

RESULT 702

US-10-208-650-108

Sequence 108, Application US/10208650

Patent No. 7034133

GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

APPLICANT: NIELSEN, POUL

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165-C2(71994)

CURRENT APPLICATION NUMBER: US/10/208,650

CURRENT FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US/10/008,029

PRIOR FILING DATE: 2001-11-05

PRIOR APPLICATION NUMBER: 09/152,059

PRIOR FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

PRIOR FILING DATE: 1998-03-03

PRIOR APPLICATION NUMBER: 60/083,507

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/088,309

PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/094,355

PRIOR FILING DATE: 1998-07-28

NUMBER OF SEQ ID NOS: 146

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 108

LENGTH: 14

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: oligonucleotide

US-10-208-650-108

Query Match 0.5%; Score 14; DB 1; Length 14;

Best Local Similarity 100.0%; Pred. No. 5.1e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722

Db 1 AAAAAAAAAAAAAA 14

RESULT 703

US-10-208-650-109

Sequence 109, Application US/10208650

Patent No. 7034133

GENERAL INFORMATION:

APPLICANT: WENGEL, JESPER

APPLICANT: NIELSEN, POUL

TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES

FILE REFERENCE: 49165-C2(71994)

CURRENT APPLICATION NUMBER: US/10/208,650

CURRENT FILING DATE: 2002-07-29

PRIOR APPLICATION NUMBER: US/10/008,029

PRIOR FILING DATE: 2001-11-05

PRIOR APPLICATION NUMBER: 09/152,059

PRIOR FILING DATE: 1998-09-11

PRIOR APPLICATION NUMBER: 60/058,541

PRIOR FILING DATE: 1997-09-12

PRIOR APPLICATION NUMBER: 60/068,293

PRIOR FILING DATE: 1997-12-19

PRIOR APPLICATION NUMBER: 60/071,682

PRIOR FILING DATE: 1998-01-16

PRIOR APPLICATION NUMBER: 60/076,591

PRIOR FILING DATE: 1998-03-03

PRIOR APPLICATION NUMBER: 60/083,507

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/088,309

PRIOR FILING DATE: 1998-06-05

PRIOR APPLICATION NUMBER: 60/094,355

PRIOR FILING DATE: 1998-07-28

NUMBER OF SEQ ID NOS: 146

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 109

LENGTH: 14

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: oligonucleotide

US-10-208-650-109

Query Match 0.5%; Score 14; DB 1; Length 14;

iss.res

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RESULT 704
US-10-208-650-110/c
; Sequence 110, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 110
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: LNA monomer
US-10-208-650-110
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 1

RESULT 705
US-10-208-650-111
; Sequence 111, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 111
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-111
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 706
US-10-208-650-112
; Sequence 112, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 112
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: LNA monomer
US-10-208-650-112
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

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;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/088,309
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/094,355
;; PRIOR FILING DATE: 1998-07-28
;; NUMBER OF SEQ ID NOS: 146
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 112
;; LENGTH: 14
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;; OTHER INFORMATION: oligonucleotide
US-10-208-650-112

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 707
US-10-208-650-113/c
;; Sequence 113, Application US/10208650
;; Patent No. 7034133
;; GENERAL INFORMATION:
;; APPLICANT: WENGEL, JESPER
;; APPLICANT: NIELSEN, POUL
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
;; FILE REFERENCE: 49165-C2(71994)
;; CURRENT APPLICATION NUMBER: US/10/208,650
;; CURRENT FILING DATE: 2002-07-29
;; PRIOR APPLICATION NUMBER: US/10/008,029
;; PRIOR FILING DATE: 2001-11-05
;; PRIOR APPLICATION NUMBER: 09/152,059
;; PRIOR FILING DATE: 1998-09-11
;; PRIOR APPLICATION NUMBER: 60/058,541
;; PRIOR FILING DATE: 1998-01-16
;; PRIOR APPLICATION NUMBER: 60/071,682
;; PRIOR FILING DATE: 1997-12-19
;; PRIOR APPLICATION NUMBER: 60/083,507
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/088,309
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/094,355
;; NUMBER OF SEQ ID NOS: 146
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 113
;; LENGTH: 14
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
;; OTHER INFORMATION: oligonucleotide

;; FEATURE:
;; NAME/KEY: modified base
;; LOCATION: (1)..(13)
;; OTHER INFORMATION: LNA monomer
US-10-208-650-113
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1
RESULT 708
US-10-208-650-114
;; Sequence 114, Application US/10208650
;; Patent No. 7034133
;; GENERAL INFORMATION:
;; APPLICANT: WENGEL, JESPER
;; APPLICANT: NIELSEN, POUL
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
;; FILE REFERENCE: 49165-C2(71994)
;; CURRENT APPLICATION NUMBER: US/10/208,650
;; CURRENT FILING DATE: 2002-07-29
;; PRIOR APPLICATION NUMBER: US/10/008,029
;; PRIOR FILING DATE: 2001-11-05
;; PRIOR APPLICATION NUMBER: 09/152,059
;; PRIOR FILING DATE: 1998-09-11
;; PRIOR APPLICATION NUMBER: 60/058,541
;; PRIOR FILING DATE: 1997-09-12
;; PRIOR APPLICATION NUMBER: 60/068,293
;; PRIOR FILING DATE: 1997-12-19
;; PRIOR APPLICATION NUMBER: 60/071,682
;; PRIOR FILING DATE: 1998-01-16
;; PRIOR APPLICATION NUMBER: 60/076,591
;; PRIOR FILING DATE: 1998-03-03
;; PRIOR APPLICATION NUMBER: 60/083,507
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/088,309
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/094,355
;; NUMBER OF SEQ ID NOS: 146
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 114
;; LENGTH: 14
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;; OTHER INFORMATION: oligonucleotide
US-10-208-650-114

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 709
US-10-208-650-115
;; Sequence 115, Application US/10208650
;; Patent No. 7034133
;; GENERAL INFORMATION:
;; APPLICANT: WENGEL, JESPER
;; APPLICANT: NIELSEN, POUL
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
;; FILE REFERENCE: 49165-C2(71994)
;; CURRENT APPLICATION NUMBER: US/10/208,650
;; CURRENT FILING DATE: 2002-07-29
;; PRIOR APPLICATION NUMBER: US/10/008,029
;; PRIOR FILING DATE: 2001-11-05
;; PRIOR APPLICATION NUMBER: 09/152,059
;; PRIOR FILING DATE: 1998-09-11
;; PRIOR APPLICATION NUMBER: 60/058,541
;; PRIOR FILING DATE: 1997-09-12
;; PRIOR APPLICATION NUMBER: 60/068,293
;; PRIOR FILING DATE: 1997-12-19

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; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 115
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-115

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 710
US-10-208-650-117/c
; Sequence 117, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 117
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-10-208-650-117

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 711
US-10-208-650-118
; Sequence 118, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 118
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-118

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 712
US-10-208-650-119
; Sequence 119, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 60/152,059
; OTHER INFORMATION: LNA monomer
US-10-208-650-117

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; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 119
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-208-650-119

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 713
US-10-208-650-120/c
; Sequence 120, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 120
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
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; FEATURE:
; NAME/KEY: modified base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-120

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 714
US-10-208-650-121
; Sequence 121, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 121
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-121

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 715
US-10-208-650-122
; Sequence 122, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
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Tue Nov 7 10:41:33 2006

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; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 122
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; US-10-208-650-122

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 716
US-10-208-650-123/c
; Sequence 123, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 123
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; US-10-208-650-124

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 717
US-10-208-650-124
; Sequence 124, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 124
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; US-10-208-650-124

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

```

```
RESULT 718
US-10-208-650-125
; Sequence 125, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-125
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
| | | | | | | | | |
Db 1 AAAAAAAAAAAAAA 14

RESULT 719
US-10-208-650-126/c
; Sequence 126, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 126
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-126
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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 126
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified base
; LOCATION: (6)..(9)_base
; OTHER INFORMATION: LNA monomer
US-10-208-650-126
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
| | | | | | | | | |
Db 1 AAAAAAAAAAAAAA 14

RESULT 720
US-10-208-650-127
; Sequence 127, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 127
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-127
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
| | | | | | | | | |
Db 1 AAAAAAAAAAAAAA 14

RESULT 721
US-10-208-650-128/c
; Sequence 128, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 128
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-128
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; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 129
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (8)
; OTHER INFORMATION: LNA monomer
; US-10-208-650-129
;
Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02; Indels 0; Gaps 0;
Matches 14; Conservative 0; Mismatches 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 723
US-10-208-650-130
; Sequence 130, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENDEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 130
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; US-10-208-650-130

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 722
US-10-208-650-129/c
; Sequence 129, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENDEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
```

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 724

US-10-208-650-131
; Sequence 131, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 131
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-131

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 725

US-10-208-650-132/c
; Sequence 132, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059

; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 132
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (7)..(8)
; OTHER INFORMATION: LNA monomer
US-10-208-650-132

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA.1

RESULT 726

US-10-208-650-133
; Sequence 133, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 133
; LENGTH: 14
; TYPE: DNA

Tue Nov 7 10:41:33 2006

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-133

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 727
US-10-208-650-134
; Sequence 134, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 134
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: LNA monomer
US-10-208-650-135

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 729
US-10-208-650-136
; Sequence 136, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-133

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 728
US-10-208-650-135/c
; Sequence 135, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
```

;; PRIOR APPLICATION NUMBER: 60/088,309
;; PRIOR FILING DATE: 1998-06-05
;; PRIOR APPLICATION NUMBER: 60/094,355
;; PRIOR FILING DATE: 1998-07-28
;; NUMBER OF SEQ ID NOS: 146
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 136
;; LENGTH: 14
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;; OTHER INFORMATION: oligonucleotide
US-10-208-650-136

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 730
US-10-208-650-137
; Sequence 137, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 137
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-137

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 731
US-10-208-650-138/c
; Sequence 138, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 138
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (6)..(9)
; OTHER INFORMATION: LNA monomer
US-10-208-650-138

Query Match 0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 732
US-10-208-650-139
; Sequence 139, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682

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; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 139
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-139

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 733
US-10-208-650-140
; Sequence 140, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: NIELSEN, JOEL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 141
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: LNA monomer
US-10-208-650-141

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 735
US-10-208-650-142
; Sequence 142, Application US/10208650
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; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 140
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-140

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 142
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-10-208-650-142

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 736
US-10-208-650-143
; Sequence 143, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 144
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-10-208-650-144

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14
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; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 143
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-208-650-143

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14

RESULT 737
US-10-208-650-144/c
; Sequence 144, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 144
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: LNA modified
; OTHER INFORMATION: oligonucleotide
US-10-208-650-144

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred.No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 1 AAAAAAAAAAAAAA 14
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; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 146
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; US-10-208-650-146

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
   |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 740
5453496-4/c
; Patent No. 5453496
; APPLICANT: CARUTHERS, MARVIN H.; MARSHALL, WILLIAM S.; BRILL,
; WOLFGANG; NIELSEN, JOHN
; TITLE OF INVENTION: POLYNUCLEOTIDE PHOSPHORODITHIOATE
; NUMBER OF SEQUENCES: 7
; CURRENT APPLICATION NUMBER: US/08/138,140
; FILING DATE: 15-OCT-1993
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: 793,171
; FILING DATE: 18-NOV-1991
; APPLICATION NUMBER: 545,238
; FILING DATE: 27-JUN-1990
; APPLICATION NUMBER: 332,247
; FILING DATE: 31-MAR-1989
; APPLICATION NUMBER: 198,886
; FILING DATE: 26-MAY-1988
; SEQ ID NO: 4:
; LENGTH: 14
5453496-4

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
   |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 741
5453496-5
; Patent No. 5453496
; APPLICANT: CARUTHERS, MARVIN H.; MARSHALL, WILLIAM S.; BRILL,
; WOLFGANG; NIELSEN, JOHN
; TITLE OF INVENTION: POLYNUCLEOTIDE PHOSPHORODITHIOATE
; NUMBER OF SEQUENCES: 7
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/138,140
; FILING DATE: 15-OCT-1993
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION NUMBER: 793,171
; FILING DATE: 18-NOV-1991
; APPLICATION NUMBER: 545,238
; FILING DATE: 26-MAY-1988
; SEQ ID NO: 4:
; LENGTH: 14
5453496-4

; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 146
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; US-10-208-650-145

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
   |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 738
US-10-208-650-145
; Sequence 145, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 145
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; US-10-208-650-145

Query Match      0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
   |||||
Db 1 AAAAAAAAAAAAAA 14

RESULT 739
US-10-208-650-146
; Sequence 146, Application US/10208650
; Patent No. 7034133
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/208,650
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591

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; FILING DATE: 27-JUN-1990
; APPLICATION NUMBER: 332,247
; FILING DATE: 31-MAR-1989
; APPLICATION NUMBER: 198,886
; FILING DATE: 26-MAY-1988
; SEQ ID NO:5
; LENGTH: 14
5453496-5

Query Match          0.5%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
DB 1 AAAAAAAAAAAAAA 14

RESULT 742
US-08-452-196A-3
; Sequence 3, Application US/08452196A
; Patent No. 5576427
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip D.
; APPLICANT: Delecki, Daniel J.
; TITLE OF INVENTION: ACYCLIC NUCLEOSIDE
; TITLE OF INVENTION: ANALOGS AND
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES
; TITLE OF INVENTION: CONTAINING THEM
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patent Department
; STREET: 9 Great Valley Parkway
; CITY: Malvern
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19355
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch,
; MEDIUM TYPE: 1.4 MB storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.1
; SOFTWARE: Microsoft Word 5.0B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452.196A
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/040,326
; FILING DATE: 30 March 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul E. Dupont
; REGISTRATION NUMBER: 27,438
; REFERENCE/DOCKET NUMBER: 2525
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)889-6338
; TELEFAX: (215)889-8800
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: Nucleic Acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Nucleic Acid
; DESCRIPTION:
; ANTI-SENSE: yes
; ORIGINAL SOURCE: synthesized
; FEATURE:
; LOCATION: 14
; OTHER INFORMATION: 8-[2,2-bis
; OTHER INFORMATION: (methoxymethyl)
```

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; OTHER INFORMATION: propoxyl-9-
; OTHER INFORMATION: methyladenosine
US-08-452-196A-3

Query Match          0.5%; Score 14; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2723
DB 1 AAAAAAAAAAAAAA 15

RESULT 743
US-08-452-196A-4
; Sequence 4, Application US/08452196A
; Patent No. 5576427
; GENERAL INFORMATION:
; APPLICANT: Cook, Philip D.
; APPLICANT: Delecki, Daniel J.
; APPLICANT: Guinasso, Charles
; TITLE OF INVENTION: ACYCLIC NUCLEOSIDE
; TITLE OF INVENTION: ANALOGS AND
; TITLE OF INVENTION: OLIGONUCLEOTIDE
; TITLE OF INVENTION: SEQUENCES
; TITLE OF INVENTION: CONTAINING THEM
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Patent Department
; STREET: 9 Great Valley Parkway
; CITY: Malvern
; STATE: Pennsylvania
; COUNTRY: USA
; ZIP: 19355
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch,
; MEDIUM TYPE: 1.4 MB storage
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.1
; SOFTWARE: Microsoft Word 5.0B
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/452.196A
; FILING DATE: 26-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/040,326
; FILING DATE: 30 March 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul E. Dupont
; REGISTRATION NUMBER: 27,438
; REFERENCE/DOCKET NUMBER: 2525
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215)889-6338
; TELEFAX: (215)889-8800
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: Nucleic Acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Nucleic Acid
; DESCRIPTION:
; ANTI-SENSE: yes
; ORIGINAL SOURCE: synthesized
; FEATURE:
; LOCATION: 13
; OTHER INFORMATION: 8-[2,2-bis
; OTHER INFORMATION: (methoxymethyl)
; OTHER INFORMATION: propoxyl-9-
; OTHER INFORMATION: methyladenosine
US-08-452-196A-4

Query Match          0.5%; Score 14; DB 1; Length 15;
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Best Local Similarity 93.3%; Pred. No. 5.4e+02; Indels 0; Gaps 0; Matches 14, Conservative 0; Mismatches 1;

Qy 2709 AAAAAAAAAAAAAA 2723
Db 1 AAAAAAAAAAAAAA 15

RESULT 744
US-08-292-620A-360/c
; Sequence 360, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 360:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-360

Query Match 0.5%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 15 AAAAAAAAAAAAAA 2

RESULT 745
US-08-292-620A-363/c
; Sequence 363, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 363:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-363

Query Match 0.5%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 746
US-08-832-021-41/c
; Sequence 41, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.

two

two

; APPLICANT: Pardin, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 41
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-41

Query Match 0.5%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2707 CTAACAAAAA 2720
Db 14 CTAACAAAAA 1

RESULT 747
US-08-832-021-42/c
; Sequence 42, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardin, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021
; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 42
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-42

Query Match 0.5%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2707 CTAACAAAAA 2720
Db 14 CTAACAAAAA 1

RESULT 748
US-08-832-021-43/c
; Sequence 43, Application US/08832021
; Patent No. 6045998
; GENERAL INFORMATION:
; APPLICANT: Combates, N.
; APPLICANT: Pardin, J.
; APPLICANT: Parimoo, S.
; APPLICANT: Prouty, S.
; APPLICANT: Stenn, K.
; TITLE OF INVENTION: IMPROVED TECHNIQUE FOR DIFFERENTIAL DISPLAY
; FILE REFERENCE: JBP-382
; CURRENT APPLICATION NUMBER: US/08/832,021

; CURRENT FILING DATE: 1997-04-02
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-08-832-021-43

Query Match 0.5%; Score 14; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2707 CTAACAAAAA 2720
Db 14 CTAACAAAAA 1

RESULT 749
US-09-071-845-360/c
; Sequence 360, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 360:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 15 AAAAAAAAAAAAAA 2

RESULT 753

US-08-087-387-6/c
; Sequence 6, Application US/08087387
; Patent No. 5473060
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Oligonucleotide clamps having diagnostic and therapeutic applic
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics
; STREET: 465 Lincoln Centre Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/087,387
; FILING DATE: 19930702
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: 104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 358-7855
; TELEFAX: (415) 358-7794
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-087-387-6

Query Match 0.5%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 16 AAAAAAAAAAAAAA 3

RESULT 754

US-08-455-627-6/c
; Sequence 6, Application US/08455627
; Patent No. 5571677
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward LLP
; STREET: Five Palo Alto Square, 3000 El Camino Real
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA

ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,627
; FILING DATE: 31-MAY-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakamura, Jackie N.
; REGISTRATION NUMBER: 35,966
; REFERENCE/DOCKET NUMBER: LYNX-003/01 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5000
; TELEFAX: 415-857-0683
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-455-627-6

Query Match 0.5%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 16 AAAAAAAAAAAAAA 3

RESULT 755

US-08-461-271-6/c
; Sequence 6, Application US/08461271
; Patent No. 5741643
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Oligonucleotide clamps having diagnostic
; TITLE OF INVENTION: and therapeutic applications
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics
; STREET: 465 Lincoln Centre Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,271
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/087,387
; FILING DATE: 2-Jul-93
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: 104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 358-7855
; TELEFAX: (415) 358-7794
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 nucleotides

iss.res

Tue Nov 7 10:41:33 2006

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;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-461-271-6

Query Match 0.5%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 16 AAAAAAAAAAAAAA 3

RESULT 756
US-08-713-685A-6/c
; Sequence 6, Application US/08713685A
; Patent No. 5817795
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Oligonucleotide clamps having diagnostic
; TITLE OF INVENTION: and therapeutic applications
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics
; STREET: 465 Lincoln Centre Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/713,685A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/461,271
; FILING DATE:
; APPLICATION NUMBER: 08/087,387
; FILING DATE: 2-Jul-93
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: 104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 358-7855
; TELEFAX: (415) 358-7794
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-713-685A-6

Query Match 0.5%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 16 AAAAAAAAAAAAAA 3

RESULT 757
US-08-689-856-6/c
; Sequence 6, Application US/08689856
; Patent No. 5830658
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Oligonucleotide clamps having diagnostic
; TITLE OF INVENTION: and therapeutic applications
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics
; STREET: 465 Lincoln Centre Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/070,477
; FILING DATE:
; CLASSIFICATION:

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;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/713,685
;; FILING DATE:
;; APPLICATION NUMBER: 08/461,271
;; FILING DATE:
;; APPLICATION NUMBER: 08/087,387
;; FILING DATE: 2-Jul-93
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Stephen C. Macevicz
;; REGISTRATION NUMBER: 30,285
;; REFERENCE/DOCKET NUMBER: 104
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 358-7855
;; TELEFAX: (415) 358-7794
;; INFORMATION FOR SEQ ID NO: 6:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 16 nucleotides
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-09-070-477-6

Query Match 0.5%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 16 AAAAAAAAAAAAAA 3

RESULT 759

US-08-882-649A-8/c
; Sequence 8, Application US/08882649A
; Patent No. 6344316
; GENERAL INFORMATION:
; APPLICANT: Lockhart, David J.

; Chee, Mark
; Gunderson, Kevin
; Chaoqiang, Lai
; Wodicka, Lisa
; Cronin, Maureen T.
; Lee, Danny
; Tran, Huu M.
; Matsuzaki, Hajime
; McGall, Glenn H.

; TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Joe Liebeschuetz
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/882,649A
; FILING DATE: 25-Jun-1997
; CLASSIFICATION: 435-006.000

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 60/010,471
; FILING DATE: 23-JAN-1996
; APPLICATION NUMBER: US 60/035,170
; FILING DATE: 09-JAN-1997
; APPLICATION NUMBER: PCT/US97/01603
; FILING DATE: 22-JAN-1997

; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe

;; REGISTRATION NUMBER: 37,505
;; REFERENCE/DOCKET NUMBER: 018547-019410US
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 576-0200
;; TELEFAX: (415) 576-0300
;; INFORMATION FOR SEQ ID NO: 8:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 16 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (Genomic)
;; HYPOTHETICAL: YES

; (ix) Features:
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-08-882-649A-8

Query Match 0.5%; Score 14; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 16 AAAAAAAAAAAAAA 3

RESULT 760

US-09-880-727-8/c
; Sequence 8, Application US/09880727
; Patent No. 6858711
; GENERAL INFORMATION:

; APPLICANT: Lockhart, David J.
; Chee, Mark
; Gunderson, Kevin
; Chaoqiang, Lai
; Wodicka, Lisa
; Cronin, Maureen T.
; Lee, Danny
; Tran, Huu M.
; Matsuzaki, Hajime
; McGall, Glenn H.

; TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Joe Liebeschuetz
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/880,727
; FILING DATE: 13-Jun-2001
; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/882,649
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 60/035,170
; FILING DATE: 09-JAN-1997
; APPLICATION NUMBER: PCT/US97/01603
; FILING DATE: 22-JAN-1997

; ATTORNEY/AGENT INFORMATION:

; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-019410US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300


```
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1072
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1072

Query Match          0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 17 AAAAAAAAAAAAAA 4

RESULT 764
US-09-371-772B-1077/c
; Sequence 1077, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1077
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1077

Query Match          0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 765
US-09-685-664B-1072/c
; Sequence 1072, Application US/09685664B
; Patent No. 6818447
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; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-K (400/021)
; CURRENT APPLICATION NUMBER: US/09/685,664B
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 09/371,772
; NUMBER OF SEQ ID NOS: 8231
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1072
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-685-664B-1072

Query Match          0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 17 AAAAAAAAAAAAAA 4

RESULT 766
US-09-685-664B-1077/c
; Sequence 1077, Application US/09685664B
; Patent No. 6818447
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Related to the Treatment of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-K (400/021)
; CURRENT APPLICATION NUMBER: US/09/685,664B
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 09/371,772
; NUMBER OF SEQ ID NOS: 8231
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1077
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-685-664B-1077

Query Match          0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
Db 14 AAAAAAAAAAAAAA 1

RESULT 767
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iss.res

Tue Nov 7 10:41:33 2006

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US-09-818-875-3910
; Sequence 3910, Application US/09818875
; Patent No. 6936467
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3910
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3910

Query Match 0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1946 GGCTTCACGCTGGT 1959
Db 3 GGCTTCACGCTGGT 16

RESULT 768
US-09-818-875-3911/c
; Sequence 3911, Application US/09818875
; Patent No. 6936467
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3911
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3911

Query Match 0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1946 GGCTTCACGCTGGT 1959
Db 15 GGCTTCACGCTGGT 2
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RESULT 769
US-10-156-306B-525/c
; Sequence 525, Application US/10156306B
; Patent No. 7022828
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306B
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 525
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306B-525

Query Match 0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAATAAAAAA 2721
Db 14 TAAAAAATAAAAAA 1

RESULT 770
US-10-156-306B-4886/c
; Sequence 4886, Application US/10156306B
; Patent No. 7022828
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306B
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 4886
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306B-4886

Query Match 0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2535 GGCCTTGCTCTCAG 2548
Db 14 GGCCTTGCTCTCAG 1

RESULT 771
US-10-156-306B-6895/c
; Sequence 6895, Application US/10156306B
; Patent No. 7022828
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306B
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8014
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6895
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306B-6895

Query Match 0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2538 CTTGTCCTCAGCCA 2551
|||
DB 17 CTTGTCCTCAGCCA 4

RESULT 772

US-10-138-674B-1072/c
; Sequence 1072, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138, 674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1072
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-1072

Query Match 0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2722
|||
DB 17 AAAAAAAAAAAAAA 4

RESULT 773

US-10-138-674B-1077/c
; Sequence 1077, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138, 674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1077
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-1077

Query Match 0.5%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 6e+02;

Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2709 AAAAAAAAAAAAAA 2722
|||
DB 14 AAAAAAAAAAAAAA 1

RESULT 774

US-08-373-124A-874/c
; Sequence 874, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 874:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-874

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 GAATTTTAAATATTT 962
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DB 17 GAATTTTAAATATAT 1

RESULT 775

US-08-435-628-874/c

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; Sequence 874, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 874:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-874

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 946 GAATTTTAAATATTT 962
Db 17 GATTTTAAATATAT 1

RESULT 776
US-08-584-040-2520/c
; Sequence 2520, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OF
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles

; Sequence 874, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2520:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2520

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 699 AAGCAGAGGAAACAA 715
Db 17 AAGAGAGGAAACAA 1

RESULT 777
US-08-584-040-7800
; Sequence 7800, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OF
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles

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; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7800:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7800
;
; Query Match 0.5%; Score 13.8; DB 1; Length 17;
; Best Local Similarity 52.9%; Pred. No. 6.3e+02;
; Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;
;
Qy 819 ATGAGTTGACACCTTTT 835
Db 1 AUGAGUUUACCCUAU 17
;
; RESULT 778
; US-08-584-040-7818/c
; Sequence 7818, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
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; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7818:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7818
;
; Query Match 0.5%; Score 13.8; DB 1; Length 17;
; Best Local Similarity 88.2%; Pred. No. 6.3e+02;
; Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
Qy 2709 AAAAAAAAAAAAAAAA 2725
Db 17 AACACAAAAACAAAAA 1
;
; RESULT 779
; US-08-584-040-7819/c
; Sequence 7819, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
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Tue Nov 7 10:41:33 2006

INFORMATION FOR SEQ ID NO: 7819;
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-7819

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAA 1

RESULT 780
US-08-584-040-8021/c
Sequence 8021, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8021:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8021

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1824 TGGAGAGGAGTTGCA 1840
Db 17 TGGAGAGGAGCTTGCA 1

RESULT 781
US-08-679-645-705
Sequence 705, Application US/08679645
Patent No. 6350934
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
APPLICANT: Edington, Brent E.
APPLICANT: McSwiggen, James A.
APPLICANT: Merlo, Patricia Ann Owens
APPLICANT: Guo, Lining
APPLICANT: Skokut, Thomas A.
APPLICANT: Young, Scott A.
APPLICANT: Folkerts, Otto
APPLICANT: Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
TITLE OF INVENTION: IN PLANTS
NUMBER OF SEQUENCES: 1263

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/679,645
FILING DATE: July 12, 1996
CLASSIFICATION: 800

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 705:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-679-645-705

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 6.3e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 2222 GATCAGTTTAAGGAGCT 2238
Db 1 GAUGAAGUUAAGGAGCU 17

RESULT 782
US-09-593-012-53

; Sequence 53, Application US/09593012
; Patent No. 6387652
; GENERAL INFORMATION:
; APPLICANT: HAUGLAND, Richard
; APPLICANT: VESPER, Stephen
; TITLE OF INVENTION: METHOD OF IDENTIFYING AND QUANTIFYING SPECIFIC FUNGI AND BACTERIA
; FILE REFERENCE: HAUGLAND-1A
; CURRENT APPLICATION NUMBER: US/09/593,012
; CURRENT FILING DATE: 2000-06-13
; PRIOR APPLICATION NUMBER: US 09/290,990
; PRIOR FILING DATE: 1999-04-14
; PRIOR APPLICATION NUMBER: US 60/081,773
; PRIOR FILING DATE: 1998-04-15
; NUMBER OF SEQ ID NOS: 225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 53
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Chaetomium globosum
US-09-593-012-53

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 415 CCGCGGCGCCTGAAACG 431
||||| ||||| |||||
Db 1 CCGCAGCGCCTGAAAAG 17

RESULT 783
US-09-144-367-14
; Sequence 14, Application US/09144367
; Patent No. 6432639
; GENERAL INFORMATION:
; APPLICANT: Lichter, Jay
; APPLICANT: Guido, Marco
; TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
; FILE REFERENCE: SEQ-12P
; CURRENT APPLICATION NUMBER: US/09/144,367
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/058,612
; PRIOR FILING DATE: 1997-09-10
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 17
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-144-367-14

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 277 TGAGGAATTTGGGAGG 293
||||| ||||| |||||
Db 1 TGAGGAGTTTGGTGAGG 17

RESULT 784
US-09-144-367-28
; Sequence 28, Application US/09144367
; Patent No. 6432639
; GENERAL INFORMATION:
; APPLICANT: Lichter, Jay
; APPLICANT: Guido, Marco
; TITLE OF INVENTION: GENOTYPING OF HUMAN CYP3A4
; FILE REFERENCE: SEQ-12P
; CURRENT APPLICATION NUMBER: US/09/144,367
; CURRENT FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/058,612
; PRIOR FILING DATE: 1997-09-10

; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 28
; LENGTH: 17
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-144-367-28

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 277 TGAGGAATTTGGGAGG 293
||||| ||||| |||||
Db 1 TGAGGAGTTTGGTGAGG 17

RESULT 785
US-09-474-432B-559/c
; Sequence 559, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Belgelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 559
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-559

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2708 TAAAAAATAAAAAAAAAA 2724
||||| ||||| |||||
Db 17 TAAAAAATAACAAACAAA 1

RESULT 786
US-09-371-772B-1044/c
; Sequence 1044, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B

Tue Nov 7 10:41:33 2006

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;
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1044

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 699 AAGCAGAGGAGAACAA 715
Db 17 AAGAGAGGACACAA 1

RESULT 787
US-09-371-772B-3584
; Sequence 3584, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3584
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3584

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.3e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 819 ATGAGTTGACACCTTTT 835
Db 1 AUGAGUUUACCUUU 17

RESULT 788
US-09-371-772B-3602/c
; Sequence 3602, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
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;
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3602

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2709 AAAAAAIAAAAAAAAA 2725
Db 17 AAACAIAIAIAIAIAIAIA 1

RESULT 789
US-09-371-772B-3603/c
; Sequence 3603, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3603
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3603

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2709 AAAAAAIAAAAAAAAA 2725
Db 17 AAACAIAIAIAIAIAIAIA 1

RESULT 790
US-09-371-772B-3804/c
; Sequence 3804, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
```

; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3804
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3804

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1824 TGGAGAAGGAGGTTGCA 1840
||||| |||||
Db 17 TGGAGAGGAGGCTTGCA 1

RESULT 791

US-09-371-772B-4562/c
; Sequence 4562, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4562
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-4562

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1112 CTCCTTAGTGATGTCGA 1128
||||| |||||
Db 17 CTCCTTAGTGATGTCGA 1

RESULT 792

US-09-371-772B-6499
; Sequence 6499, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6499
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6499

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 705 AGGAAGAACCAAGAGAG 721
||||| |||||
Db 1 AGGAGACCAGAAAAG 17

RESULT 793

US-09-371-772B-6500
; Sequence 6500, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6500
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6500

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 706 GGAAGAACCAAGAGAGA 722
||||| |||||
Db 1 GGAAGACCAGAAAAGA 17

RESULT 794

US-09-476-387-558/c
; Sequence 558, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleo
; FILE REFERENCE: MBH00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29

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```
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: Patent version 3.0
; SEQ ID NO 558
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-558

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2708 TAAAAAATAAAAAAAAAA 2724
Db 17 TAAAAAATAACAAACAAA 1

RESULT 795
; Sequence 484, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 484
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-484

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
Db 1 AAAAAAAAAAAGAGAAA 17

RESULT 796
US-09-827-998-525
; Sequence 525, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
```

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; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 525
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-525

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2270 AAAGTTACCAAGAGAAA 2286
Db 1 AAAGGACCACAGAGAAA 17

RESULT 797
US-09-866-108A-946
; Sequence 946, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 946
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-946

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1178 CCCCATGCGCAATGACAG 1194
Db 1 CCCCAGGGCAAGACAG 17
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iss.res

Tue Nov 7 10:41:33 2006

Remaining Prior Application data removed - See File Wrapper or PALM.

US-09-866-108A-6597/c
; Sequence 6597, Application US/09866108A
; Patent No. 6686188
; SOFTWARE: Aecomica Sequence Listing Engine
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US 60/236,359
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6597
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6595

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1357 GGATCCAGCAGCTAG 1373
DB 17 GGATCCAGCAGCTGG 1

RESULT 801
US-09-866-108A-6597/c
; Sequence 6597, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US 60/236,359
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6597
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6597

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1355 GAGGATCCAGCAGCT 1371
DB 17 GTGGAACCCAGCAAGCT 1

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 TGAGGATCCAGCAGC 1370
DB 17 TGTGGAACCCAGCAAGC 1

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 TGAGGATCCAGCAGC 1370
DB 17 TGTGGAACCCAGCAAGC 1

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1355 GAGGATCCAGCAGCT 1371
DB 17 GTGGAACCCAGCAAGCT 1

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1355 GAGGATCCAGCAGCT 1371
DB 17 GTGGAACCCAGCAAGCT 1

RESULT 802
US-09-866-108A-6598/c
; Sequence 6598, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US 60/236,359
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6598
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6598

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 TGAGGATCCAGCAGC 1370
DB 17 TGTGGAACCCAGCAAGC 1

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 TGAGGATCCAGCAGC 1370
DB 17 TGTGGAACCCAGCAAGC 1

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 TGAGGATCCAGCAGC 1370
DB 17 TGTGGAACCCAGCAAGC 1

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 TGAGGATCCAGCAGC 1370
DB 17 TGTGGAACCCAGCAAGC 1

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 TGAGGATCCAGCAGC 1370
DB 17 TGTGGAACCCAGCAAGC 1

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 TGAGGATCCAGCAGC 1370
DB 17 TGTGGAACCCAGCAAGC 1

Query Match 0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1354 TGAGGATCCAGCAGC 1370
DB 17 TGTGGAACCCAGCAAGC 1

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; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7365
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7365

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1920 ACCAGAAAATTCAGGTG 1936
Db 1 AGCAGAAAATTCAGGTG 17

RESULT 804
US-09-866-108A-7368
; Sequence 7368, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8957
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8957

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2342 GAGCTGAAGACCCACAT 2358
Db 1 GAGCTGAAGCCGACAT 17
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; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7368
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7368

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1923 AGAAAATTCAGGTGACT 1939
Db 1 AGAAAATTCAGTGAAT 17

RESULT 805
US-09-866-108A-8957
; Sequence 8957, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8957
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8957

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2342 GAGCTGAAGACCCACAT 2358
Db 1 GAGCTGAAGCCGACAT 17
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Tue Nov 7 10:41:33 2006

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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10672
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10672

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2520 GTGCCAGGCTGCTGG 2536
DB 17 GTGCCATGCTGCTGG 1

RESULT 808
US-09-865-664B-1044/C
; Sequence 1044, Application US/09685664B
; Patent No. 6818447
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggan, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH00-876-K (400/021)
; CURRENT APPLICATION NUMBER: US/09/685,664B
; CURRENT FILING DATE: 2000-10-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 09/371,772
; PRIOR FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 8231
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1044
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-685-664B-1044

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 699 AAGCAGAGGAGAACAA 715

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RESULT 806
US-09-866-108A-10671/C
; Sequence 10671, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 10671
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-10671

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2521 TGCCAGGCTGCTGGC 2537
DB 17 TGCCATGCTGCTGGC 1

RESULT 807
US-09-866-108A-10672/C
; Sequence 10672, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25

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Db      17 AAGAGAGGACAA 1
|||||
RESULT 809
US-09-685-664B-3584
; Sequence 3584, Application US/09685664B
; Patent No. 6818447
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-K (400/021)
; CURRENT FILING DATE: 2000-10-10
; CURRENT APPLICATION NUMBER: US/09/685,664B
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 09/371,772
; PRIOR FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 8231
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3584
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-09-685-664B-3584

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.3e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy      819 ATGAGTGCACCTTTT 835
|||||
Db      1 AUGAGUUACACCUAUU 17

RESULT 810
US-09-685-664B-3602/c
; Sequence 3602, Application US/09685664B
; Patent No. 6818447
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-K (400/021)
; CURRENT FILING DATE: 2000-10-10
; CURRENT APPLICATION NUMBER: US/09/685,664B
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 09/371,772
; PRIOR FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 8231
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-09-685-664B-3602

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 1; Gaps 0;
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Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAA 2725
|||||
Db      17 AAACAAAAACAAAA 1

RESULT 811
US-09-685-664B-3603/c
; Sequence 3603, Application US/09685664B
; Patent No. 6818447
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-K (400/021)
; CURRENT FILING DATE: 2000-10-10
; CURRENT APPLICATION NUMBER: US/09/685,664B
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 09/371,772
; PRIOR FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 8231
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3603
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-09-685-664B-3603

Query Match      0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAA 2725
|||||
Db      17 AAACAAAAACAAAA 1

RESULT 812
US-09-685-664B-3804/c
; Sequence 3804, Application US/09685664B
; Patent No. 6818447
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-K (400/021)
; CURRENT FILING DATE: 2000-10-10
; CURRENT APPLICATION NUMBER: US/09/685,664B
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 09/371,772
; PRIOR FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 8231
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3804
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-09-685-664B-3804
```

APPLICANT: Ribozyme Pharmaceuticals, Inc.
 APPLICANT: McSwiggen, James
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
 TITLE OF INVENTION: Levels of IKK-Gamma and PKR
 FILE REFERENCE: MBH01-664-A (400/050)
 CURRENT APPLICATION NUMBER: US/10/156,306B
 CURRENT FILING DATE: 2002-05-28
 NUMBER OF SEQ ID NOS: 8014
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 518
 LENGTH: 17
 TYPE: RNA
 ORGANISM: Homo sapiens
 US-10-156-306B-518

Query Match 0.5%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 6.3e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1824 TGGAGAGGAGGCTTGA 1840
 Db 17 TGGAGAGGAGGCTTGA 1

RESULT 813
 US-10-156-306B-487/c
 ; Sequence 487, Application US/10156306B
 ; Patent No. 7022828
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
 ; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
 ; FILE REFERENCE: MBH01-664-A (400/050)
 ; CURRENT APPLICATION NUMBER: US/10/156,306B
 ; CURRENT FILING DATE: 2002-05-28
 ; NUMBER OF SEQ ID NOS: 8014
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 487
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-156-306B-487

Query Match 0.5%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 6.3e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 711 AACAGAGAGGAGGCTT 727
 Db 17 AACAGAGAGGAGGAGGCTT 1

RESULT 814
 US-10-156-306B-517/c
 ; Sequence 517, Application US/10156306B
 ; Patent No. 7022828
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
 ; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
 ; FILE REFERENCE: MBH01-664-A (400/050)
 ; CURRENT APPLICATION NUMBER: US/10/156,306B
 ; CURRENT FILING DATE: 2002-05-28
 ; NUMBER OF SEQ ID NOS: 8014
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 517
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-156-306B-517

Query Match 0.5%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 6.3e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
 Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 815
 US-10-156-306B-518/c
 ; Sequence 518, Application US/10156306B
 ; Patent No. 7022828
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
 ; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
 ; FILE REFERENCE: MBH01-664-A (400/050)
 ; CURRENT APPLICATION NUMBER: US/10/156,306B
 ; CURRENT FILING DATE: 2002-05-28
 ; NUMBER OF SEQ ID NOS: 8014
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 518
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-156-306B-518

Query Match 0.5%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 6.3e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
 Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 816
 US-10-156-306B-519/c
 ; Sequence 519, Application US/10156306B
 ; Patent No. 7022828
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
 ; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
 ; FILE REFERENCE: MBH01-664-A (400/050)
 ; CURRENT APPLICATION NUMBER: US/10/156,306B
 ; CURRENT FILING DATE: 2002-05-28
 ; NUMBER OF SEQ ID NOS: 8014
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 519
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-156-306B-519

Query Match 0.5%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 6.3e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
 Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 817
 US-10-156-306B-5064/c
 ; Sequence 5064, Application US/10156306B
 ; Patent No. 7022828
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
 ; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
 ; FILE REFERENCE: MBH01-664-A (400/050)
 ; CURRENT APPLICATION NUMBER: US/10/156,306B
 ; CURRENT FILING DATE: 2002-05-28
 ; NUMBER OF SEQ ID NOS: 8014
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 5064
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-156-306B-5064

Query Match 0.5%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 6.3e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
 Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 818
 US-10-156-306B-518/c
 ; Sequence 518, Application US/10156306B
 ; Patent No. 7022828
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
 ; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
 ; FILE REFERENCE: MBH01-664-A (400/050)
 ; CURRENT APPLICATION NUMBER: US/10/156,306B
 ; CURRENT FILING DATE: 2002-05-28
 ; NUMBER OF SEQ ID NOS: 8014
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 518
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-10-156-306B-518

Query Match 0.5%; Score 13.8; DB 1; Length 17;
 Best Local Similarity 88.2%; Pred. No. 6.3e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
 Db 17 AAAAAAAAAAAAAAAAAA 1

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Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1927 AATTCAGGTGACTCTCTC 1943
Db 17 AAGTCAGGTGGCTCTCTC 1

RESULT 818
US-10-156-306B-7019
; Sequence 7019, Application US/10156306B
; Patent No. 7022828
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306B
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8014
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7019
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306B-7019

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 6.3e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 2439 AGAAGCAGGAGTGCTGCTG 2455
Db 1 AGAAGAGGAGGCUCCUG 17

RESULT 819
US-10-138-674B-1044/c
; Sequence 1044, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1044
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-1044

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 699 AAGCAGGAGGAGACAA 715
Db 17 AAGAAGAGGAGACAA 1

RESULT 820
US-10-138-674B-3584
; Sequence 3584, Application US/10138674B
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; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3584
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-3584

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 6.3e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 819 ATGAGTTGACACCTTTT 835
Db 1 AUGAGUUUACACCUAUU 17

RESULT 821
US-10-138-674B-3602/c
; Sequence 3602, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-3602

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAA 1

RESULT 822
US-10-138-674B-3603/c
; Sequence 3603, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
```

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Tue Nov 7 10:41:33 2006

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; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3603
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-3603

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
DB 17 AAAAAAAAAACAAAAA 1

RESULT 823
US-10-138-674B-3804/c
; Sequence 3804, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3804
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-138-674B-3804

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1824 TGGAGAGGAGGTTGCA 1840
DB 17 TGGAGAGGAGGTTGCA 1

RESULT 824
US-10-138-674B-4562/c
; Sequence 4562, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4562
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens

```

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US-10-138-674B-4562

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1112 CTCCTTAGTGATGCCA 1128
DB 17 CTCCTTAGTGATGCCA 1

RESULT 825
US-10-138-674B-6499
; Sequence 6499, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6499
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-6499

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 705 AGGAAGACCAAGAAAG 721
DB 1 AGGAAGACCAAGAAAG 17

RESULT 826
US-10-138-674B-6500
; Sequence 6500, Application US/10138674B
; Patent No. 7034009
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674B
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20829
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6500
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674B-6500

Query Match          0.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 706 GGAAGAACCAAGAAAGA 722
DB 1 GGAAGAACCAAGAAAGA 17

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Search completed: November 7, 2006, 10:24:27
Job time : 39 secs

GenCore version 5.1.9
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OM nucleic - nucleic search, using sw model

Run on: November 7, 2006, 10:32:08 ; Search time 43 Seconds
(without alignments)
2.822 Million cell updates/sec

Title: US-10-764-316-6-COPY

Perfect score: 2743

Sequence: 1 9c9ggcggtatccattgt.....aaaaaaaaaaaaaaaaaaaaa 2743

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 0.5

Searched: 883 seqs, 22123 residues

Total number of hits satisfying chosen parameters: 1766

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 843 summaries

Database : pubmaindb:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query Match | Length | ID | Description |
|------------|-------|-------------|--------|----|----------------------|
| 1 | 74 | 2.7 | 74 | 1 | US-10-310-914A-20242 |
| 2 | 60 | 2.2 | 60 | 1 | US-09-908-975-31796 |
| 3 | 60 | 2.2 | 60 | 1 | US-09-908-975-31796 |
| 4 | 60 | 2.2 | 60 | 1 | US-09-908-975-31968 |
| 5 | 60 | 2.2 | 60 | 1 | US-09-908-975-31969 |
| 6 | 60 | 2.2 | 60 | 1 | US-09-908-975-31970 |
| 7 | 54 | 2.0 | 54 | 1 | US-10-211-088-164 |
| 8 | 50 | 1.8 | 50 | 1 | US-10-131-827-6385 |
| 9 | 50 | 1.8 | 50 | 1 | US-10-131-827-6775 |
| 10 | 49.4 | 1.8 | 51 | 1 | US-10-393-815-142 |
| 11 | 49.4 | 1.8 | 51 | 1 | US-10-393-815-142 |
| 12 | 48.4 | 1.8 | 50 | 1 | US-10-131-827-2130 |
| 13 | 48.4 | 1.8 | 50 | 1 | US-10-131-827-80 |
| 14 | 48.4 | 1.8 | 50 | 1 | US-10-131-827-82 |
| 15 | 36 | 1.3 | 39 | 1 | US-10-289-921-6 |
| 16 | 35.2 | 1.3 | 43 | 1 | US-10-352-253A-37 |
| 17 | 35 | 1.3 | 35 | 1 | US-10-601-140A-11 |
| 18 | 35 | 1.3 | 35 | 1 | US-10-601-140A-12 |
| 19 | 35 | 1.3 | 39 | 1 | US-10-744-730-6 |
| 20 | 35 | 1.3 | 40 | 1 | US-09-732-047B-7 |
| 21 | 35 | 1.3 | 40 | 1 | US-10-398-048-8 |
| 22 | 35 | 1.3 | 40 | 1 | US-10-463-549-26 |
| 23 | 35 | 1.3 | 40 | 1 | US-10-463-574A-1 |
| 24 | 35 | 1.3 | 40 | 1 | US-10-463-574A-2 |
| 25 | 35 | 1.3 | 40 | 1 | US-10-661-088-20 |
| 26 | 35 | 1.3 | 40 | 1 | US-10-661-088-23 |
| 27 | 35 | 1.3 | 40 | 1 | US-10-661-097-20 |
| 28 | 35 | 1.3 | 40 | 1 | US-10-661-097-23 |
| 29 | 35 | 1.3 | 40 | 1 | US-10-661-099-20 |
| 30 | 35 | 1.3 | 40 | 1 | US-10-661-099-23 |
| 31 | 35 | 1.3 | 40 | 1 | US-10-661-355-20 |
| 32 | 35 | 1.3 | 40 | 1 | US-10-661-355-23 |
| 33 | 35 | 1.3 | 40 | 1 | US-10-661-402-20 |

| | | | | | | |
|-------------------|---------------------|------|-----|------|------|-------|
| Sequence 23, Appl | US-10-661-402-23 | 40 | 1 | 1.3 | 35 | C 34 |
| Sequence 20, Appl | US-10-661-403-20 | 35 | 1 | 1.3 | 35 | C 35 |
| Sequence 23, Appl | US-10-661-403-23 | 35 | 1 | 1.3 | 35 | C 36 |
| Sequence 20, Appl | US-10-661-415-20 | 35 | 1 | 1.3 | 35 | C 37 |
| Sequence 23, Appl | US-10-661-415-23 | 35 | 1 | 1.3 | 35 | C 38 |
| Sequence 1, Appl | US-10-728-707-1 | 35 | 1 | 1.3 | 35 | C 39 |
| Sequence 9, Appl | US-10-736-545-9 | 35 | 1 | 1.3 | 35 | C 40 |
| Sequence 1, Appl | US-10-744-730-1 | 35 | 1 | 1.3 | 35 | C 41 |
| Sequence 10, Appl | US-10-744-730-10 | 35 | 1 | 1.3 | 35 | C 42 |
| Sequence 2, Appl | US-10-744-730-2 | 35 | 1 | 1.3 | 35 | C 43 |
| Sequence 8, Appl | US-10-744-730-8 | 35 | 1 | 1.3 | 35 | C 44 |
| Sequence 9, Appl | US-10-744-730-9 | 35 | 1 | 1.3 | 35 | C 45 |
| Sequence 19, Appl | US-10-969-812B-19 | 35 | 1 | 1.3 | 35 | C 46 |
| Sequence 22, Appl | US-10-969-812A-22 | 35 | 1 | 1.3 | 35 | C 47 |
| Sequence 7, Appl | US-10-744-730-7 | 35 | 1 | 1.3 | 35 | C 48 |
| Sequence 7, Appl | US-10-218-567-7 | 35 | 1 | 1.3 | 35 | C 49 |
| Sequence 2, Appl | US-09-828-034-2 | 34 | 1 | 1.2 | 34 | C 50 |
| Sequence 10175, A | US-09-764-891-10175 | 34 | 1 | 1.2 | 34 | C 51 |
| Sequence 4, Appl | US-10-450-761-4 | 33.2 | 40 | 1.2 | 33.2 | C 52 |
| Sequence 3, Appl | US-10-407-818-1 | 33 | 1 | 1.2 | 33 | C 53 |
| Sequence 29, Appl | US-09-828-034-3 | 33 | 1 | 1.2 | 33 | C 54 |
| Sequence 10, Appl | US-10-219-195-29 | 32.4 | 1.2 | 32.4 | 1.2 | C 55 |
| Sequence 2, Appl | US-10-371-600-2 | 32 | 1 | 1.2 | 32 | C 56 |
| Sequence 9, Appl | US-10-371-600-9 | 32 | 1 | 1.2 | 32 | C 57 |
| Sequence 65, Appl | US-10-418-182-65 | 31.8 | 1.2 | 31.8 | 1.2 | C 58 |
| Sequence 49, Appl | US-10-219-195-49 | 31.6 | 1.2 | 31.6 | 1.2 | C 59 |
| Sequence 28, Appl | US-10-219-195-28 | 31.2 | 1.1 | 31.2 | 1.1 | C 60 |
| Sequence 56, Appl | US-10-519-122-56 | 31.2 | 1.1 | 31.2 | 1.1 | C 61 |
| Sequence 98, Appl | US-10-848-922-98 | 31 | 1.1 | 31 | 1.1 | C 62 |
| Sequence 41, Appl | US-10-801-274-41 | 31 | 1.1 | 31 | 1.1 | C 63 |
| Sequence 1193, Ap | US-09-801-274-1193 | 30.6 | 1.1 | 30.6 | 1.1 | C 64 |
| Sequence 18, Appl | US-09-912-263-18 | 30.6 | 1.1 | 30.6 | 1.1 | C 65 |
| Sequence 3, Appl | US-10-108-969-8 | 30.4 | 1.1 | 30.4 | 1.1 | C 66 |
| Sequence 4, Appl | US-10-371-600-3 | 30.4 | 1.1 | 30.4 | 1.1 | C 67 |
| Sequence 10, Appl | US-10-371-600-4 | 30 | 1.1 | 30 | 1.1 | C 68 |
| Sequence 1, Appl | US-09-880-727-10 | 30 | 1.1 | 30 | 1.1 | C 69 |
| Sequence 2, Appl | US-10-042-193A-2 | 30 | 1.1 | 30 | 1.1 | C 70 |
| Sequence 1094, Ap | US-10-314-578-1094 | 30 | 1.1 | 30 | 1.1 | C 71 |
| Sequence 1095, Ap | US-10-314-578-1095 | 30 | 1.1 | 30 | 1.1 | C 72 |
| Sequence 115, App | US-10-380-584-115 | 30 | 1.1 | 30 | 1.1 | C 73 |
| Sequence 2, Appl | US-10-472-055-2 | 30 | 1.1 | 30 | 1.1 | C 74 |
| Sequence 10, Appl | US-10-961-341-10 | 30 | 1.1 | 30 | 1.1 | C 75 |
| Sequence 29, Appl | US-11-021-367-10 | 30 | 1.1 | 30 | 1.1 | C 76 |
| Sequence 10, Appl | US-10-407-818-2 | 29 | 1.1 | 29 | 1.1 | C 77 |
| Sequence 2, Appl | US-09-263-959-825 | 28.8 | 1.0 | 28.8 | 1.0 | C 78 |
| Sequence 825, App | US-10-891-260-6585 | 27.8 | 1.0 | 27.8 | 1.0 | C 79 |
| Sequence 2, Appl | US-10-306-630-2 | 27.2 | 1.0 | 27.2 | 1.0 | C 80 |
| Sequence 911, App | US-09-776-479-911 | 27 | 1.0 | 27 | 1.0 | C 81 |
| Sequence 842, App | US-09-888-326-842 | 27 | 1.0 | 27 | 1.0 | C 82 |
| Sequence 911, App | US-10-017-995-911 | 27 | 1.0 | 27 | 1.0 | C 83 |
| Sequence 880, App | US-10-112-653-880 | 27 | 1.0 | 27 | 1.0 | C 84 |
| Sequence 911, App | US-10-314-578-911 | 27 | 1.0 | 27 | 1.0 | C 85 |
| Sequence 3, Appl | US-10-831-778-911 | 27 | 1.0 | 27 | 1.0 | C 86 |
| Sequence 811, App | US-10-407-818-3 | 27 | 1.0 | 27 | 1.0 | C 87 |
| Sequence 880, App | US-11-127-654-880 | 27 | 1.0 | 27 | 1.0 | C 88 |
| Sequence 3, Appl | US-09-282-734-3 | 27 | 1.0 | 27 | 1.0 | C 89 |
| Sequence 8, Appl | US-09-876-235-8 | 27 | 1.0 | 27 | 1.0 | C 90 |
| Sequence 41, Appl | US-10-057-783A-41 | 27 | 1.0 | 27 | 1.0 | C 91 |
| Sequence 3, Appl | US-10-348-627-3 | 27 | 1.0 | 27 | 1.0 | C 92 |
| Sequence 8, Appl | US-10-764-799-8 | 27 | 1.0 | 27 | 1.0 | C 93 |
| Sequence 4, Appl | US-10-217-514-4 | 27 | 1.0 | 27 | 1.0 | C 94 |
| Sequence 24, Appl | US-09-971-353-24 | 27 | 1.0 | 27 | 1.0 | C 95 |
| Sequence 3, Appl | US-10-611-629-3 | 27 | 1.0 | 27 | 1.0 | C 96 |
| Sequence 7, Appl | US-09-874-991C-7 | 26.8 | 1.0 | 26.8 | 1.0 | C 97 |
| Sequence 1, Appl | US-10-849-491-1 | 26.8 | 1.0 | 26.8 | 1.0 | C 98 |
| Sequence 18, Appl | US-10-102-720-18 | 26.6 | 1.0 | 26.6 | 1.0 | C 99 |
| Sequence 136, App | US-10-933-118-136 | 26.2 | 1.0 | 26.2 | 1.0 | C 100 |
| Sequence 3, Appl | US-09-920-342-3 | 26 | 0.9 | 26 | 0.9 | C 101 |
| Sequence 7, Appl | US-09-922-469-7 | 26 | 0.9 | 26 | 0.9 | C 102 |

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|-------|------|-----|----|---|----------------------|--------------------|-------|------|-----|----|---|----------------------|-------------------|
| c 107 | 26 | 0.9 | 26 | 1 | US-09-922-480-7 | Sequence 7, Appli | c 180 | 24 | 0.9 | 24 | 1 | US-10-112-653-919 | Sequence 919, App |
| c 108 | 26 | 0.9 | 26 | 1 | US-09-923-236-7 | Sequence 7, Appli | c 181 | 24 | 0.9 | 24 | 1 | US-10-112-653-920 | Sequence 920, App |
| c 109 | 26 | 0.9 | 26 | 1 | US-09-923-246-38 | Sequence 38, Appl | c 182 | 24 | 0.9 | 24 | 1 | US-10-224-523-53 | Sequence 53, Appl |
| c 110 | 26 | 0.9 | 26 | 1 | US-09-949-1058-4 | Sequence 4, Appli | c 183 | 24 | 0.9 | 24 | 1 | US-10-272-502A-2 | Sequence 2, Appli |
| c 111 | 26 | 0.9 | 26 | 1 | US-10-053-883-53 | Sequence 53, Appl | c 184 | 24 | 0.9 | 24 | 1 | US-10-309-775A-19 | Sequence 19, Appl |
| c 112 | 26 | 0.9 | 26 | 1 | US-10-295-723-38 | Sequence 38, Appl | c 185 | 24 | 0.9 | 24 | 1 | US-10-314-578-433 | Sequence 433, App |
| c 113 | 26 | 0.9 | 26 | 1 | US-10-659-684-38 | Sequence 38, Appl | c 186 | 24 | 0.9 | 24 | 1 | US-10-314-578-961 | Sequence 961, App |
| c 114 | 26 | 0.9 | 26 | 1 | US-10-787-442-38 | Sequence 38, Appl | c 187 | 24 | 0.9 | 24 | 1 | US-10-314-578-962 | Sequence 962, App |
| c 115 | 26 | 0.9 | 26 | 1 | US-10-969-164-7 | Sequence 7, Appli | c 188 | 24 | 0.9 | 24 | 1 | US-10-357-930-14833 | Sequence 14833, A |
| c 116 | 26 | 0.9 | 26 | 1 | US-11-193-526-53 | Sequence 53, Appl | c 189 | 24 | 0.9 | 24 | 1 | US-10-360-511-14 | Sequence 14, Appl |
| c 117 | 25.8 | 0.9 | 29 | 1 | US-09-937-331-6 | Sequence 6, Appli | c 190 | 24 | 0.9 | 24 | 1 | US-10-374-307-13 | Sequence 13, Appl |
| c 118 | 25.6 | 0.9 | 32 | 1 | US-10-085-906-24 | Sequence 24, Appl | c 191 | 24 | 0.9 | 24 | 1 | US-10-374-307-16 | Sequence 16, Appl |
| c 119 | 25.6 | 0.9 | 32 | 1 | US-10-085-906-300 | Sequence 300, App | c 192 | 24 | 0.9 | 24 | 1 | US-10-389-665-4 | Sequence 4, Appli |
| c 120 | 25.2 | 0.9 | 26 | 1 | US-09-922-469-6 | Sequence 6, Appli | c 193 | 24 | 0.9 | 24 | 1 | US-10-671-628-10 | Sequence 10, Appl |
| c 121 | 25.2 | 0.9 | 26 | 1 | US-09-923-236-6 | Sequence 6, Appli | c 194 | 24 | 0.9 | 24 | 1 | US-10-729-895-18 | Sequence 18, Appl |
| c 122 | 25.2 | 0.9 | 26 | 1 | US-09-923-236-6 | Sequence 10, Appl | c 195 | 24 | 0.9 | 24 | 1 | US-10-831-778-433 | Sequence 433, App |
| c 123 | 25.2 | 0.9 | 26 | 1 | US-10-039-876A-10 | Sequence 43, Appl | c 196 | 24 | 0.9 | 24 | 1 | US-10-831-778-961 | Sequence 961, App |
| c 124 | 25.2 | 0.9 | 26 | 1 | US-10-196-703-43 | Sequence 20, Appl | c 197 | 24 | 0.9 | 24 | 1 | US-10-831-778-962 | Sequence 962, App |
| c 125 | 25.2 | 0.9 | 26 | 1 | US-10-224-289-20 | Sequence 37, Appl | c 198 | 24 | 0.9 | 24 | 1 | US-10-942-251-3 | Sequence 3, Appli |
| c 126 | 25.2 | 0.9 | 26 | 1 | US-10-352-253A-36 | Sequence 36, Appl | c 199 | 24 | 0.9 | 24 | 1 | US-11-127-654-415 | Sequence 415, App |
| c 127 | 25.2 | 0.9 | 26 | 1 | US-10-969-164-6 | Sequence 6, Appli | c 200 | 24 | 0.9 | 24 | 1 | US-11-127-654-919 | Sequence 919, App |
| c 128 | 25.2 | 0.9 | 27 | 1 | US-09-859-012-37 | Sequence 37, Appl | c 201 | 24 | 0.9 | 24 | 1 | US-11-127-654-920 | Sequence 920, App |
| c 129 | 25.2 | 0.9 | 27 | 1 | US-10-071-214-42 | Sequence 42, Appl | c 202 | 24 | 0.9 | 24 | 1 | US-11-178-086-19 | Sequence 19, Appl |
| c 130 | 25.2 | 0.9 | 27 | 1 | US-10-838-122-51 | Sequence 51, Appl | c 203 | 24 | 0.9 | 25 | 1 | US-10-480-013-2 | Sequence 2, Appli |
| c 131 | 25.2 | 0.9 | 27 | 1 | US-11-015-461-51 | Sequence 51, Appl | c 204 | 24 | 0.9 | 25 | 1 | US-10-942-251-9 | Sequence 9, Appli |
| c 132 | 25 | 0.9 | 25 | 1 | US-09-282-734-23 | Sequence 23, Appl | c 205 | 24 | 0.9 | 28 | 1 | US-10-942-251-12 | Sequence 12, Appl |
| c 133 | 25 | 0.9 | 25 | 1 | US-09-730-478A-8 | Sequence 8, Appli | c 206 | 24 | 0.9 | 28 | 1 | US-10-942-251-8 | Sequence 8, Appli |
| c 134 | 25 | 0.9 | 25 | 1 | US-10-224-289-11 | Sequence 11, Appl | c 207 | 23.4 | 0.9 | 25 | 1 | US-11-121-849-127954 | Sequence 127954, |
| c 135 | 25 | 0.9 | 25 | 1 | US-10-239-655A-9 | Sequence 9, Appli | c 208 | 23.4 | 0.9 | 26 | 1 | US-11-121-849-127955 | Sequence 127955, |
| c 136 | 25 | 0.9 | 25 | 1 | US-10-348-627-23 | Sequence 23, Appl | c 209 | 23.4 | 0.9 | 26 | 1 | US-09-977-931-5 | Sequence 5, Appli |
| c 137 | 25 | 0.9 | 25 | 1 | US-10-510-871-792 | Sequence 792, App | c 210 | 23.2 | 0.8 | 25 | 1 | US-10-344-741-21 | Sequence 21, Appl |
| c 138 | 25 | 0.9 | 25 | 1 | US-10-956-157-24457 | Sequence 24457, A | c 211 | 23.2 | 0.8 | 25 | 1 | US-11-046-124-43 | Sequence 43, Appl |
| c 139 | 25 | 0.9 | 25 | 1 | US-10-958-348-3 | Sequence 3, Appli | c 212 | 23.2 | 0.8 | 28 | 1 | US-10-309-775A-74 | Sequence 74, Appl |
| c 140 | 25 | 0.9 | 25 | 1 | US-11-036-317-781191 | Sequence 4, Appli | c 213 | 23.2 | 0.8 | 28 | 1 | US-11-178-086-74 | Sequence 17, Appl |
| c 141 | 25 | 0.9 | 25 | 1 | US-11-060-756-74533 | Sequence 74533, A | c 214 | 23 | 0.8 | 24 | 1 | US-10-216-122-151 | Sequence 151, App |
| c 142 | 25 | 0.9 | 25 | 1 | US-11-121-849-127953 | Sequence 127953, A | c 215 | 23 | 0.8 | 28 | 1 | US-09-788-269-17 | Sequence 27, Appl |
| c 143 | 25 | 0.9 | 25 | 1 | US-11-121-849-127956 | Sequence 127956, | c 216 | 22.4 | 0.8 | 24 | 1 | US-11-099-683-27 | Sequence 27, Appl |
| c 144 | 25 | 0.9 | 25 | 1 | US-11-121-849-127957 | Sequence 127957, | c 217 | 22.4 | 0.8 | 25 | 1 | US-09-942-310-52 | Sequence 52, Appl |
| c 145 | 25 | 0.9 | 25 | 1 | US-11-121-849-127958 | Sequence 127958, | c 218 | 22.4 | 0.8 | 25 | 1 | US-09-942-310-59 | Sequence 59, Appl |
| c 146 | 25 | 0.9 | 25 | 1 | US-11-121-849-127959 | Sequence 127959, | c 219 | 22 | 0.8 | 22 | 1 | US-10-216-122-94 | Sequence 94, Appl |
| c 147 | 25 | 0.9 | 25 | 1 | US-11-121-849-127960 | Sequence 127960, | c 220 | 22 | 0.8 | 22 | 1 | US-10-335-573-6 | Sequence 6, Appli |
| c 148 | 25 | 0.9 | 25 | 1 | US-11-121-849-127961 | Sequence 127961, | c 221 | 22 | 0.8 | 23 | 1 | US-09-426-548-126 | Sequence 126, App |
| c 149 | 25 | 0.9 | 25 | 1 | US-11-121-849-127962 | Sequence 127962, | c 222 | 22 | 0.8 | 24 | 1 | US-10-081-969-18 | Sequence 18, Appl |
| c 150 | 25 | 0.9 | 25 | 1 | US-11-121-849-127963 | Sequence 127963, | c 223 | 22 | 0.8 | 24 | 1 | US-10-331-780-6 | Sequence 6, Appli |
| c 151 | 25 | 0.9 | 25 | 1 | US-09-092-296-10 | Sequence 10, Appl | c 224 | 22 | 0.8 | 24 | 1 | US-10-721-793-285 | Sequence 285, App |
| c 152 | 25 | 0.9 | 26 | 1 | US-09-099-823-14 | Sequence 14, Appl | c 225 | 22 | 0.8 | 24 | 1 | US-11-088-979-6 | Sequence 6, Appli |
| c 153 | 25 | 0.9 | 26 | 1 | US-09-923-246-39 | Sequence 39, Appl | c 226 | 21.8 | 0.8 | 25 | 1 | US-10-002-536A-5 | Sequence 5, Appli |
| c 154 | 25 | 0.9 | 26 | 1 | US-10-295-723-39 | Sequence 39, Appl | c 227 | 21.8 | 0.8 | 25 | 1 | US-10-681-773-5912 | Sequence 5912, Ap |
| c 155 | 25 | 0.9 | 26 | 1 | US-10-380-256-1 | Sequence 1, Appli | c 228 | 21.8 | 0.8 | 25 | 1 | US-10-681-773-5912 | Sequence 863310, |
| c 156 | 25 | 0.9 | 26 | 1 | US-10-859-684-39 | Sequence 39, Appl | c 229 | 21.8 | 0.8 | 25 | 1 | US-10-719-900-863310 | Sequence 123069, |
| c 157 | 25 | 0.9 | 26 | 1 | US-10-787-442-39 | Sequence 39, Appl | c 230 | 21.8 | 0.8 | 25 | 1 | US-10-809-189-123069 | Sequence 123070, |
| c 158 | 25 | 0.9 | 26 | 1 | US-10-925-448-10 | Sequence 10, Appl | c 231 | 21.8 | 0.8 | 25 | 1 | US-10-809-189-123070 | Sequence 2, Appli |
| c 159 | 25 | 0.9 | 26 | 1 | US-09-781-693A-16 | Sequence 16, Appl | c 232 | 21.2 | 0.8 | 25 | 1 | US-10-002-536A-2 | Sequence 912, App |
| c 160 | 25 | 0.9 | 27 | 1 | US-10-406-031-32 | Sequence 32, Appl | c 233 | 21 | 0.8 | 21 | 1 | US-09-776-479-912 | Sequence 912, App |
| c 161 | 25 | 0.9 | 27 | 1 | US-11-189-521-16 | Sequence 16, Appl | c 234 | 21 | 0.8 | 21 | 1 | US-09-776-479-912 | Sequence 4, Appli |
| c 162 | 25 | 0.9 | 27 | 1 | US-09-732-047B-1 | Sequence 1, Appli | c 235 | 21 | 0.8 | 21 | 1 | US-09-833-031A-4 | Sequence 840, App |
| c 163 | 24 | 0.9 | 24 | 1 | US-09-776-479-433 | Sequence 433, App | c 236 | 21 | 0.8 | 21 | 1 | US-09-888-326-840 | Sequence 69, Appl |
| c 164 | 24 | 0.9 | 24 | 1 | US-09-776-479-961 | Sequence 961, App | c 237 | 21 | 0.8 | 21 | 1 | US-09-989-420-69 | Sequence 989, App |
| c 165 | 24 | 0.9 | 24 | 1 | US-09-776-479-961 | Sequence 961, App | c 238 | 21 | 0.8 | 21 | 1 | US-10-017-995-912 | Sequence 912, App |
| c 166 | 24 | 0.9 | 24 | 1 | US-09-776-479-962 | Sequence 962, App | c 239 | 21 | 0.8 | 21 | 1 | US-10-112-653-881 | Sequence 881, App |
| c 167 | 24 | 0.9 | 24 | 1 | US-09-888-326-841 | Sequence 841, App | c 240 | 21 | 0.8 | 21 | 1 | US-10-144-179A-41 | Sequence 41, Appl |
| c 168 | 24 | 0.9 | 24 | 1 | US-09-920-313-148 | Sequence 148, App | c 241 | 21 | 0.8 | 21 | 1 | US-10-278-760-2 | Sequence 2, Appli |
| c 169 | 24 | 0.9 | 24 | 1 | US-09-920-342-12 | Sequence 12, Appl | c 242 | 21 | 0.8 | 21 | 1 | US-10-314-578-912 | Sequence 912, App |
| c 170 | 24 | 0.9 | 24 | 1 | US-09-949-305B-6 | Sequence 6, Appli | c 243 | 21 | 0.8 | 21 | 1 | US-10-410-031-189 | Sequence 189, App |
| c 171 | 24 | 0.9 | 24 | 1 | US-10-017-995-433 | Sequence 433, App | c 244 | 21 | 0.8 | 21 | 1 | US-10-435-489-41 | Sequence 41, Appl |
| c 172 | 24 | 0.9 | 24 | 1 | US-10-017-995-961 | Sequence 961, App | c 245 | 21 | 0.8 | 21 | 1 | US-10-601-140A-43 | Sequence 7, Appli |
| c 173 | 24 | 0.9 | 24 | 1 | US-10-017-995-962 | Sequence 962, App | c 246 | 21 | 0.8 | 21 | 1 | US-10-830-287A-7 | Sequence 912, App |
| c 174 | 24 | 0.9 | 24 | 1 | US-10-043-415-4 | Sequence 4, Appli | c 247 | 21 | 0.8 | 21 | 1 | US-10-831-778-912 | Sequence 881, App |
| c 175 | 24 | 0.9 | 24 | 1 | US-10-058-270A-140 | Sequence 140, App | c 248 | 21 | 0.8 | 21 | 1 | US-11-127-654-881 | Sequence 3, Appli |
| c 176 | 24 | 0.9 | 24 | 1 | US-10-058-513-39 | Sequence 39, App | c 249 | 21 | 0.8 | 24 | 1 | US-10-002-536A-3 | Sequence 4, Appli |
| c 177 | 24 | 0.9 | 24 | 1 | US-10-062-188-106 | Sequence 106, App | c 250 | 21 | 0.8 | 24 | 1 | US-10-002-536A-4 | Sequence 8652, Ap |
| c 178 | 24 | 0.9 | 24 | 1 | US-10-112-653-415 | Sequence 415, App | c 251 | 21 | 0.8 | 25 | 1 | US-10-750-185-8652 | Sequence 8652, Ap |
| c 179 | 24 | 0.9 | 24 | 1 | | | c 252 | 21 | 0.8 | 25 | 1 | US-10-750-623-8652 | Sequence 8652, Ap |

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|-------|------|-----|----|---|----------------------|-------------------|-----|----|-----|----|---|-------------------|-------------------|
| 253 | 21 | 0.8 | 26 | 1 | US-09-853-646-3 | Sequence 3, Appli | 326 | 20 | 0.7 | 20 | 1 | US-09-976-577-55 | Sequence 55, Appl |
| c 254 | 21 | 0.8 | 26 | 1 | US-10-857-780-495 | Sequence 495, App | 327 | 20 | 0.7 | 20 | 1 | US-09-976-601A-55 | Sequence 55, Appl |
| c 255 | 21 | 0.8 | 26 | 1 | US-10-873-114-3 | Sequence 3, Appli | 328 | 20 | 0.7 | 20 | 1 | US-09-976-617A-55 | Sequence 55, Appl |
| c 256 | 20.8 | 0.8 | 25 | 1 | US-10-681-773-121365 | Sequence 121365, | 329 | 20 | 0.7 | 20 | 1 | US-09-976-863A-55 | Sequence 55, Appl |
| c 257 | 20.8 | 0.8 | 25 | 1 | US-10-719-956-691097 | Sequence 691097, | 330 | 20 | 0.7 | 20 | 1 | US-09-976-900A-55 | Sequence 55, Appl |
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| c 259 | 20.8 | 0.8 | 25 | 1 | US-10-750-185-22424 | Sequence 22424, A | 332 | 20 | 0.7 | 20 | 1 | US-09-976-971A-55 | Sequence 55, Appl |
| c 260 | 20.8 | 0.8 | 25 | 1 | US-10-750-623-22424 | Sequence 22424, A | 333 | 20 | 0.7 | 20 | 1 | US-09-981-344-55 | Sequence 55, Appl |
| c 261 | 20.8 | 0.8 | 26 | 1 | US-10-857-780-4469 | Sequence 4469, Ap | 334 | 20 | 0.7 | 20 | 1 | US-09-989-420-68 | Sequence 68, Appl |
| c 262 | 20.4 | 0.7 | 24 | 1 | US-10-309-775A-20 | Sequence 20, Appl | 335 | 20 | 0.7 | 20 | 1 | US-09-994-701B-5 | Sequence 5, Appli |
| c 263 | 20.4 | 0.7 | 24 | 1 | US-11-178-086-20 | Sequence 20, Appl | 336 | 20 | 0.7 | 20 | 1 | US-09-994-701B-6 | Sequence 6, Appli |
| c 264 | 20.4 | 0.7 | 25 | 1 | US-10-719-900-358887 | Sequence 358887, | 337 | 20 | 0.7 | 20 | 1 | US-09-997-672-40 | Sequence 40, Appl |
| c 265 | 20.2 | 0.7 | 21 | 1 | US-10-133-937-39 | Sequence 93, Appl | 338 | 20 | 0.7 | 20 | 1 | US-10-008-978-55 | Sequence 55, Appl |
| c 266 | 20.2 | 0.7 | 21 | 1 | US-10-159-563-99 | Sequence 99, Appl | 339 | 20 | 0.7 | 20 | 1 | US-10-008-978-70 | Sequence 70, Appl |
| c 267 | 20.2 | 0.7 | 22 | 1 | US-10-314-321A-56 | Sequence 56, Appl | 340 | 20 | 0.7 | 20 | 1 | US-10-017-995-226 | Sequence 226, App |
| c 268 | 20.2 | 0.7 | 22 | 1 | US-10-601-140A-32 | Sequence 32, Appl | 341 | 20 | 0.7 | 20 | 1 | US-10-017-995-556 | Sequence 556, App |
| c 269 | 20.2 | 0.7 | 22 | 1 | US-10-601-140A-45 | Sequence 45, Appl | 342 | 20 | 0.7 | 20 | 1 | US-10-017-995-560 | Sequence 560, App |
| c 270 | 20.2 | 0.7 | 22 | 1 | US-10-664-000-3 | Sequence 3, Appli | 343 | 20 | 0.7 | 20 | 1 | US-10-051-643-83 | Sequence 83, Appl |
| c 271 | 20.2 | 0.7 | 25 | 1 | US-10-681-773-117003 | Sequence 117003, | 344 | 20 | 0.7 | 20 | 1 | US-10-077-383-5 | Sequence 5, Appli |
| c 272 | 20.2 | 0.7 | 25 | 1 | US-10-681-773-123009 | Sequence 123009, | 345 | 20 | 0.7 | 20 | 1 | US-10-077-383-6 | Sequence 6, Appli |
| c 273 | 20.2 | 0.7 | 25 | 1 | US-10-681-773-46324 | Sequence 46324, A | 346 | 20 | 0.7 | 20 | 1 | US-10-112-653-533 | Sequence 218, App |
| c 274 | 20.2 | 0.7 | 25 | 1 | US-10-681-773-5911 | Sequence 5911, Ap | 347 | 20 | 0.7 | 20 | 1 | US-10-112-653-537 | Sequence 533, App |
| c 275 | 20.2 | 0.7 | 25 | 1 | US-10-719-900-394075 | Sequence 394075, | 348 | 20 | 0.7 | 20 | 1 | US-10-117-267-1 | Sequence 537, App |
| c 276 | 20.2 | 0.7 | 25 | 1 | US-10-719-900-394076 | Sequence 394076, | 349 | 20 | 0.7 | 20 | 1 | US-10-175-608-33 | Sequence 33, Appl |
| c 277 | 20.2 | 0.7 | 25 | 1 | US-10-719-900-863309 | Sequence 863309, | 350 | 20 | 0.7 | 20 | 1 | US-10-176-055-11 | Sequence 11, Appl |
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| c 279 | 20.2 | 0.7 | 25 | 1 | US-10-719-956-637821 | Sequence 637821, | 352 | 20 | 0.7 | 20 | 1 | US-10-181-200-15 | Sequence 15, Appl |
| c 280 | 20.2 | 0.7 | 25 | 1 | US-10-719-956-637822 | Sequence 637822, | 353 | 20 | 0.7 | 20 | 1 | US-10-188-404-66 | Sequence 66, Appl |
| c 281 | 20.2 | 0.7 | 25 | 1 | US-10-809-189-123056 | Sequence 123056, | 354 | 20 | 0.7 | 20 | 1 | US-10-208-357-26 | Sequence 32, Appl |
| c 282 | 20.2 | 0.7 | 25 | 1 | US-11-121-849-175118 | Sequence 175118, | 355 | 20 | 0.7 | 20 | 1 | US-10-234-764-10 | Sequence 10, Appl |
| c 283 | 20.2 | 0.7 | 25 | 1 | US-11-136-527-145748 | Sequence 145748, | 356 | 20 | 0.7 | 20 | 1 | US-10-255-434-14 | Sequence 14, Appl |
| c 284 | 20.2 | 0.7 | 25 | 1 | US-11-136-527-145755 | Sequence 145755, | 357 | 20 | 0.7 | 20 | 1 | US-10-266-983-55 | Sequence 55, Appl |
| c 285 | 20.2 | 0.7 | 25 | 1 | US-11-136-527-145761 | Sequence 145761, | 358 | 20 | 0.7 | 20 | 1 | US-10-266-983-70 | Sequence 70, Appl |
| c 286 | 20.2 | 0.7 | 25 | 1 | US-11-136-527-145997 | Sequence 145997, | 359 | 20 | 0.7 | 20 | 1 | US-10-314-578-556 | Sequence 556, App |
| c 287 | 20.2 | 0.7 | 25 | 1 | US-11-136-527-93711 | Sequence 93711, A | 360 | 20 | 0.7 | 20 | 1 | US-10-314-578-560 | Sequence 560, App |
| c 288 | 20 | 0.7 | 20 | 1 | US/10/763 | Sequence 161, App | 361 | 20 | 0.7 | 20 | 1 | US-10-371-066-16 | Sequence 16, Appl |
| c 289 | 20 | 0.7 | 20 | 1 | US/10/763 | Sequence 166, App | 362 | 20 | 0.7 | 20 | 1 | US-10-410-324-55 | Sequence 31, Appl |
| c 290 | 20 | 0.7 | 20 | 1 | US-09-005-243-33 | Sequence 33, Appl | 363 | 20 | 0.7 | 20 | 1 | US-10-601-140A-2 | Sequence 2, Appli |
| c 291 | 20 | 0.7 | 20 | 1 | US-09-224-683-33 | Sequence 33, Appl | 364 | 20 | 0.7 | 20 | 1 | US-10-601-140A-23 | Sequence 23, Appl |
| c 292 | 20 | 0.7 | 20 | 1 | US-09-726-096A-1 | Sequence 33, Appl | 365 | 20 | 0.7 | 20 | 1 | US-10-601-140A-3 | Sequence 3, Appli |
| c 293 | 20 | 0.7 | 20 | 1 | US-09-760-500A-55 | Sequence 1, Appli | 366 | 20 | 0.7 | 20 | 1 | US-10-601-140A-34 | Sequence 34, Appl |
| c 294 | 20 | 0.7 | 20 | 1 | US-09-771-554-5 | Sequence 55, Appl | 367 | 20 | 0.7 | 20 | 1 | US-10-601-140A-4 | Sequence 4, Appli |
| c 295 | 20 | 0.7 | 20 | 1 | US-09-776-479-226 | Sequence 5, Appli | 368 | 20 | 0.7 | 20 | 1 | US-10-601-140A-40 | Sequence 40, Appl |
| c 296 | 20 | 0.7 | 20 | 1 | US-09-776-479-556 | Sequence 556, App | 369 | 20 | 0.7 | 20 | 1 | US-10-601-140A-44 | Sequence 44, Appl |
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| c 298 | 20 | 0.7 | 20 | 1 | US-09-776-479-560 | Sequence 560, App | 371 | 20 | 0.7 | 20 | 1 | US-10-601-140A-7 | Sequence 7, Appli |
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| c 300 | 20 | 0.7 | 20 | 1 | US-09-833-031A-5 | Sequence 5, Appli | 373 | 20 | 0.7 | 20 | 1 | US-10-601-140A-9 | Sequence 9, Appli |
| c 301 | 20 | 0.7 | 20 | 1 | US-09-860-505-83 | Sequence 83, Appl | 374 | 20 | 0.7 | 20 | 1 | US-10-620-642-33 | Sequence 33, Appl |
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| c 303 | 20 | 0.7 | 20 | 1 | US-09-881-535-2 | Sequence 2, Appli | 376 | 20 | 0.7 | 20 | 1 | US-10-653-416-25 | Sequence 25, Appl |
| c 304 | 20 | 0.7 | 20 | 1 | US-09-888-326-2 | Sequence 2, Appli | 377 | 20 | 0.7 | 20 | 1 | US-10-661-088-12 | Sequence 12, Appl |
| c 305 | 20 | 0.7 | 20 | 1 | US-09-888-326-838 | Sequence 838, App | 378 | 20 | 0.7 | 20 | 1 | US-10-661-088-15 | Sequence 15, Appl |
| c 306 | 20 | 0.7 | 20 | 1 | US-09-888-326-839 | Sequence 839, App | 379 | 20 | 0.7 | 20 | 1 | US-10-661-097-12 | Sequence 12, Appl |
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| c 320 | 20 | 0.7 | 20 | 1 | US-09-974-007-55 | Sequence 55, Appl | 393 | 20 | 0.7 | 20 | 1 | | |
| c 321 | 20 | 0.7 | 20 | 1 | US-09-974-500A-55 | Sequence 55, Appl | 394 | 20 | 0.7 | 20 | 1 | | |
| c 322 | 20 | 0.7 | 20 | 1 | US-09-975-059A-55 | Sequence 55, Appl | 395 | 20 | 0.7 | 20 | 1 | | |
| c 323 | 20 | 0.7 | 20 | 1 | US-09-975-062A-55 | Sequence 55, Appl | 396 | 20 | 0.7 | 20 | 1 | | |
| c 324 | 20 | 0.7 | 20 | 1 | US-09-975-376A-55 | Sequence 55, Appl | 397 | 20 | 0.7 | 20 | 1 | | |
| c 325 | 20 | 0.7 | 20 | 1 | US-09-976-378A-55 | Sequence 55, Appl | 398 | 20 | 0.7 | 20 | 1 | | |

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|-------|----|-----|----|---|-------------------|-------------------|-------|------|-----|----|---|---------------------|-------------------|
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| C 401 | 20 | 0.7 | 20 | 1 | US-10-671-395-179 | Sequence 179, App | C 474 | 20 | 0.7 | 20 | 1 | US-11-075-234-187 | Sequence 187, App |
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| C 405 | 20 | 0.7 | 20 | 1 | US-10-671-395-183 | Sequence 183, App | C 478 | 20 | 0.7 | 20 | 1 | US-11-121-165A-7 | Sequence 7, Appl |
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| C 407 | 20 | 0.7 | 20 | 1 | US-10-671-395-185 | Sequence 185, App | C 480 | 20 | 0.7 | 20 | 1 | US-11-127-654-533 | Sequence 533, App |
| C 408 | 20 | 0.7 | 20 | 1 | US-10-671-395-186 | Sequence 186, App | C 481 | 20 | 0.7 | 20 | 1 | US-11-127-654-537 | Sequence 25, App |
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| C 411 | 20 | 0.7 | 20 | 1 | US-10-671-395-189 | Sequence 189, App | C 484 | 20 | 0.7 | 21 | 1 | US-09-917-672-41 | Sequence 4, Appl |
| C 412 | 20 | 0.7 | 20 | 1 | US-10-671-395-190 | Sequence 190, App | C 485 | 20 | 0.7 | 21 | 1 | US-10-096-221-4 | Sequence 23, Appl |
| C 413 | 20 | 0.7 | 20 | 1 | US-10-671-395-191 | Sequence 191, App | C 486 | 20 | 0.7 | 21 | 1 | US-10-100-321-23 | Sequence 2, Appl |
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| C 415 | 20 | 0.7 | 20 | 1 | US-10-671-395-193 | Sequence 193, App | C 488 | 20 | 0.7 | 21 | 1 | US-10-371-066-2 | Sequence 2, Appl |
| C 416 | 20 | 0.7 | 20 | 1 | US-10-671-395-194 | Sequence 194, App | C 489 | 20 | 0.7 | 21 | 1 | US-10-410-031-188 | Sequence 188, App |
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| C 418 | 20 | 0.7 | 20 | 1 | US-10-671-395-196 | Sequence 196, App | C 491 | 20 | 0.7 | 21 | 1 | US-10-866-388A-6 | Sequence 6, Appl |
| C 419 | 20 | 0.7 | 20 | 1 | US-10-671-395-197 | Sequence 197, App | C 492 | 20 | 0.7 | 21 | 1 | US-10-913-246-23 | Sequence 23, Appl |
| C 420 | 20 | 0.7 | 20 | 1 | US-10-671-395-198 | Sequence 198, App | C 493 | 20 | 0.7 | 21 | 1 | US-10-934-890-23 | Sequence 23, Appl |
| C 421 | 20 | 0.7 | 20 | 1 | US-10-671-395-199 | Sequence 199, App | C 494 | 20 | 0.7 | 21 | 1 | US-11-148-593-4 | Sequence 4, Appl |
| C 422 | 20 | 0.7 | 20 | 1 | US-10-671-395-200 | Sequence 200, App | C 495 | 20 | 0.7 | 25 | 1 | US-09-853-646-4 | Sequence 4, Appl |
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| C 434 | 20 | 0.7 | 20 | 1 | US-10-671-395-212 | Sequence 212, App | C 507 | 19.2 | 0.7 | 24 | 1 | US-10-309-775A-21 | Sequence 22, Appl |
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| C 438 | 20 | 0.7 | 20 | 1 | US-10-671-395-216 | Sequence 216, App | C 511 | 19.2 | 0.7 | 24 | 1 | US-10-309-775A-25 | Sequence 26, Appl |
| C 439 | 20 | 0.7 | 20 | 1 | US-10-671-395-217 | Sequence 217, App | C 512 | 19.2 | 0.7 | 24 | 1 | US-10-309-775A-26 | Sequence 27, Appl |
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| C 441 | 20 | 0.7 | 20 | 1 | US-10-671-395-219 | Sequence 219, App | C 514 | 19.2 | 0.7 | 24 | 1 | US-10-309-775A-28 | Sequence 29, Appl |
| C 442 | 20 | 0.7 | 20 | 1 | US-10-671-395-220 | Sequence 220, App | C 515 | 19.2 | 0.7 | 24 | 1 | US-10-309-775A-29 | Sequence 30, Appl |
| C 443 | 20 | 0.7 | 20 | 1 | US-10-671-395-221 | Sequence 221, App | C 516 | 19.2 | 0.7 | 24 | 1 | US-10-314-578-60 | Sequence 60, Appl |
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| C 445 | 20 | 0.7 | 20 | 1 | US-10-671-395-223 | Sequence 223, App | C 518 | 19.2 | 0.7 | 24 | 1 | US-11-127-654-54 | Sequence 54, Appl |
| C 446 | 20 | 0.7 | 20 | 1 | US-10-671-395-224 | Sequence 224, App | C 519 | 19.2 | 0.7 | 24 | 1 | US-11-178-086-21 | Sequence 21, Appl |
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| C 448 | 20 | 0.7 | 20 | 1 | US-10-671-395-226 | Sequence 226, App | C 521 | 19.2 | 0.7 | 24 | 1 | US-11-178-086-23 | Sequence 23, Appl |
| C 449 | 20 | 0.7 | 20 | 1 | US-10-671-395-227 | Sequence 227, App | C 522 | 19.2 | 0.7 | 24 | 1 | US-11-178-086-24 | Sequence 24, Appl |
| C 450 | 20 | 0.7 | 20 | 1 | US-10-671-395-228 | Sequence 228, App | C 523 | 19.2 | 0.7 | 24 | 1 | US-11-178-086-25 | Sequence 25, Appl |
| C 451 | 20 | 0.7 | 20 | 1 | US-10-671-395-229 | Sequence 229, App | C 524 | 19.2 | 0.7 | 24 | 1 | US-11-178-086-26 | Sequence 26, Appl |
| C 452 | 20 | 0.7 | 20 | 1 | US-10-671-395-230 | Sequence 230, App | C 525 | 19.2 | 0.7 | 24 | 1 | US-11-178-086-27 | Sequence 27, Appl |
| C 453 | 20 | 0.7 | 20 | 1 | US-10-671-395-231 | Sequence 231, App | C 526 | 19.2 | 0.7 | 24 | 1 | US-11-178-086-28 | Sequence 28, Appl |
| C 454 | 20 | 0.7 | 20 | 1 | US-10-671-395-232 | Sequence 232, App | C 527 | 19.2 | 0.7 | 24 | 1 | US-11-178-086-29 | Sequence 29, Appl |
| C 455 | 20 | 0.7 | 20 | 1 | US-10-671-395-233 | Sequence 233, App | C 528 | 19.2 | 0.7 | 24 | 1 | US-09-901-484A-515 | Sequence 515, App |
| C 456 | 20 | 0.7 | 20 | 1 | US-10-671-395-234 | Sequence 234, App | C 529 | 19 | 0.7 | 19 | 1 | US-09-917-138-1 | Sequence 1, Appl |
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| C 458 | 20 | 0.7 | 20 | 1 | US-10-671-395-236 | Sequence 236, App | C 531 | 19 | 0.7 | 19 | 1 | US-09-970-971A-16 | Sequence 16, Appl |
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| C 460 | 20 | 0.7 | 20 | 1 | US-10-671-395-238 | Sequence 238, App | C 533 | 19 | 0.7 | 19 | 1 | US-10-098-816-15 | Sequence 15, Appl |
| C 461 | 20 | 0.7 | 20 | 1 | US-10-671-395-239 | Sequence 239, App | C 534 | 19 | 0.7 | 19 | 1 | US-10-098-816-16 | Sequence 16, Appl |
| C 462 | 20 | 0.7 | 20 | 1 | US-10-671-395-240 | Sequence 240, App | C 535 | 19 | 0.7 | 19 | 1 | US-10-098-816-17 | Sequence 17, Appl |
| C 463 | 20 | 0.7 | 20 | 1 | US-10-671-395-241 | Sequence 241, App | C 536 | 19 | 0.7 | 19 | 1 | US-10-098-816-18 | Sequence 18, Appl |
| C 464 | 20 | 0.7 | 20 | 1 | US-10-671-395-242 | Sequence 242, App | C 537 | 19 | 0.7 | 19 | 1 | US-10-098-816-19 | Sequence 19, Appl |
| C 465 | 20 | 0.7 | 20 | 1 | US-10-671-395-243 | Sequence 243, App | C 538 | 19 | 0.7 | 19 | 1 | US-10-100-321-24 | Sequence 24, Appl |
| C 466 | 20 | 0.7 | 20 | 1 | US-10-671-395-244 | Sequence 244, App | C 539 | 19 | 0.7 | 19 | 1 | US-10-100-321-25 | Sequence 25, Appl |
| C 467 | 20 | 0.7 | 20 | 1 | US-10-671-395-245 | Sequence 245, App | C 540 | 19 | 0.7 | 19 | 1 | US-10-123-597-1 | Sequence 1, Appl |
| C 468 | 20 | 0.7 | 20 | 1 | US-10-671-395-246 | Sequence 246, App | C 541 | 19 | 0.7 | 19 | 1 | US-10-123-597-12 | Sequence 12, Appl |
| C 469 | 20 | 0.7 | 20 | 1 | US-10-671-395-247 | Sequence 247, App | C 542 | 19 | 0.7 | 19 | 1 | US-10-123-597-14 | Sequence 14, Appl |
| C 470 | 20 | 0.7 | 20 | 1 | US-10-671-395-248 | Sequence 248, App | C 543 | 19 | 0.7 | 19 | 1 | US-10-123-597-15 | Sequence 15, Appl |
| C 471 | 20 | 0.7 | 20 | 1 | US-10-671-395-249 | Sequence 249, App | C 544 | 19 | 0.7 | 19 | 1 | US-10-123-597-2 | Sequence 2, Appl |

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|-------|------|-----|----|---|----------------------|-------------------|-------|----|-----|----|---|--------------------|-------------------|
| C 545 | 19 | 0.7 | 19 | 1 | US-10-123-597-25 | Sequence 25, Appl | C 618 | 18 | 0.7 | 18 | 1 | US-09-776-479-939 | Sequence 939, App |
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| C 547 | 19 | 0.7 | 19 | 1 | US-10-123-597-4 | Sequence 4, Appl | C 620 | 18 | 0.7 | 18 | 1 | US-09-809-545A-84 | Sequence 84, Appl |
| C 548 | 19 | 0.7 | 19 | 1 | US-10-123-597-5 | Sequence 5, Appl | C 621 | 18 | 0.7 | 18 | 1 | US-09-888-326-837 | Sequence 837, App |
| C 549 | 19 | 0.7 | 19 | 1 | US-10-123-597-6 | Sequence 6, Appl | C 622 | 18 | 0.7 | 18 | 1 | US-09-979-275A-7 | Sequence 7, Appl |
| C 550 | 19 | 0.7 | 19 | 1 | US-10-123-597-7 | Sequence 7, Appl | C 623 | 18 | 0.7 | 18 | 1 | US-10-017-995-913 | Sequence 913, App |
| C 551 | 19 | 0.7 | 19 | 1 | US-10-123-597-8 | Sequence 8, Appl | C 624 | 18 | 0.7 | 18 | 1 | US-10-017-995-939 | Sequence 939, App |
| C 552 | 19 | 0.7 | 19 | 1 | US-10-170-172-16 | Sequence 16, Appl | C 625 | 18 | 0.7 | 18 | 1 | US-10-056-479A-15 | Sequence 15, Appl |
| C 553 | 19 | 0.7 | 19 | 1 | US-10-206-693-551 | Sequence 551, App | C 626 | 18 | 0.7 | 18 | 1 | US-10-075-335-9 | Sequence 9, Appl |
| C 554 | 19 | 0.7 | 19 | 1 | US-10-206-693-650 | Sequence 650, App | C 627 | 18 | 0.7 | 18 | 1 | US-10-112-653-882 | Sequence 882, App |
| C 555 | 19 | 0.7 | 19 | 1 | US-10-208-357-25 | Sequence 25, Appl | C 628 | 18 | 0.7 | 18 | 1 | US-10-125-295-9 | Sequence 9, Appl |
| C 556 | 19 | 0.7 | 19 | 1 | US-10-232-881-1 | Sequence 1, Appl | C 629 | 18 | 0.7 | 18 | 1 | US-10-206-613-4 | Sequence 4, Appl |
| C 557 | 19 | 0.7 | 19 | 1 | US-10-247-893-13 | Sequence 13, Appl | C 630 | 18 | 0.7 | 18 | 1 | US-10-208-357-24 | Sequence 24, Appl |
| C 558 | 19 | 0.7 | 19 | 1 | US-10-247-893-3 | Sequence 3, Appl | C 631 | 18 | 0.7 | 18 | 1 | US-10-271-602B-84 | Sequence 84, Appl |
| C 559 | 19 | 0.7 | 19 | 1 | US-10-247-893-7 | Sequence 7, Appl | C 632 | 18 | 0.7 | 18 | 1 | US-10-292-088-144 | Sequence 144, App |
| C 560 | 19 | 0.7 | 19 | 1 | US-10-322-242-1 | Sequence 1, Appl | C 633 | 18 | 0.7 | 18 | 1 | US-10-314-578-913 | Sequence 913, App |
| C 561 | 19 | 0.7 | 19 | 1 | US-10-331-109-33 | Sequence 33, Appl | C 634 | 18 | 0.7 | 18 | 1 | US-10-314-578-939 | Sequence 939, App |
| C 562 | 19 | 0.7 | 19 | 1 | US-10-359-328-26 | Sequence 26, Appl | C 635 | 18 | 0.7 | 18 | 1 | US-10-334-143-204 | Sequence 204, App |
| C 563 | 19 | 0.7 | 19 | 1 | US-10-359-328-5 | Sequence 5, Appl | C 636 | 18 | 0.7 | 18 | 1 | US-10-352-704-12 | Sequence 12, App |
| C 564 | 19 | 0.7 | 19 | 1 | US-10-371-600-14 | Sequence 14, Appl | C 637 | 18 | 0.7 | 18 | 1 | US-10-352-704-18 | Sequence 18, Appl |
| C 565 | 19 | 0.7 | 19 | 1 | US-10-387-346B-154 | Sequence 154, App | C 638 | 18 | 0.7 | 18 | 1 | US-10-389-155-97 | Sequence 97, Appl |
| C 566 | 19 | 0.7 | 19 | 1 | US-10-700-884-23 | Sequence 23, Appl | C 639 | 18 | 0.7 | 18 | 1 | US-10-389-417-97 | Sequence 97, Appl |
| C 567 | 19 | 0.7 | 19 | 1 | US-10-700-884-23 | Sequence 23, Appl | C 640 | 18 | 0.7 | 18 | 1 | US-10-494-141A-1 | Sequence 1, Appl |
| C 568 | 19 | 0.7 | 19 | 1 | US-10-760-940-1 | Sequence 1, Appl | C 641 | 18 | 0.7 | 18 | 1 | US-10-494-141A-11 | Sequence 11, Appl |
| C 569 | 19 | 0.7 | 19 | 1 | US-10-913-246-24 | Sequence 24, Appl | C 642 | 18 | 0.7 | 18 | 1 | US-10-494-141A-12 | Sequence 12, Appl |
| C 570 | 19 | 0.7 | 19 | 1 | US-10-934-890-24 | Sequence 24, Appl | C 643 | 18 | 0.7 | 18 | 1 | US-10-494-141A-27 | Sequence 27, Appl |
| C 571 | 19 | 0.7 | 19 | 1 | US-10-940-360-1 | Sequence 1, Appl | C 644 | 18 | 0.7 | 18 | 1 | US-10-494-141A-7 | Sequence 7, Appl |
| C 572 | 19 | 0.7 | 19 | 1 | US-11-014-373-274 | Sequence 274, App | C 645 | 18 | 0.7 | 18 | 1 | US-10-503-120-1 | Sequence 1, Appl |
| C 573 | 19 | 0.7 | 19 | 1 | US-11-014-373-551 | Sequence 551, App | C 646 | 18 | 0.7 | 18 | 1 | US-10-503-120-10 | Sequence 10, Appl |
| C 574 | 19 | 0.7 | 19 | 1 | US-11-083-784-84621 | Sequence 84621, A | C 647 | 18 | 0.7 | 18 | 1 | US-10-503-120-21 | Sequence 21, Appl |
| C 575 | 19 | 0.7 | 19 | 1 | US-11-101-244-84621 | Sequence 84621, A | C 648 | 18 | 0.7 | 18 | 1 | US-10-503-120-8 | Sequence 8, Appl |
| C 576 | 19 | 0.7 | 20 | 1 | US-10-671-395-433 | Sequence 433, App | C 649 | 18 | 0.7 | 18 | 1 | US-10-503-120-9 | Sequence 9, Appl |
| C 577 | 19 | 0.7 | 20 | 1 | US-10-831-901A-29731 | Sequence 29731, A | C 650 | 18 | 0.7 | 18 | 1 | US-10-543-683-4 | Sequence 4, Appl |
| C 578 | 19 | 0.7 | 20 | 1 | US-11-051-720-1244 | Sequence 1244, Ap | C 651 | 18 | 0.7 | 18 | 1 | US-10-601-140A-24 | Sequence 24, Appl |
| C 579 | 19 | 0.7 | 20 | 1 | US-11-051-720-450 | Sequence 450, App | C 652 | 18 | 0.7 | 18 | 1 | US-10-601-140A-24 | Sequence 24, Appl |
| C 580 | 18.8 | 0.7 | 22 | 1 | US-09-776-479-61 | Sequence 61, Appl | C 653 | 18 | 0.7 | 18 | 1 | US-10-628-525-30 | Sequence 30, Appl |
| C 581 | 18.8 | 0.7 | 22 | 1 | US-10-017-995-61 | Sequence 61, Appl | C 654 | 18 | 0.7 | 18 | 1 | US-10-638-141-10 | Sequence 10, Appl |
| C 582 | 18.8 | 0.7 | 22 | 1 | US-10-112-653-55 | Sequence 55, Appl | C 655 | 18 | 0.7 | 18 | 1 | US-10-653-416-26 | Sequence 26, Appl |
| C 583 | 18.8 | 0.7 | 22 | 1 | US-10-314-578-61 | Sequence 61, Appl | C 656 | 18 | 0.7 | 18 | 1 | US-10-669-962-27 | Sequence 27, Appl |
| C 584 | 18.8 | 0.7 | 22 | 1 | US-10-831-778-61 | Sequence 61, Appl | C 657 | 18 | 0.7 | 18 | 1 | US-10-674-159A-112 | Sequence 112, App |
| C 585 | 18.8 | 0.7 | 22 | 1 | US-11-127-654-55 | Sequence 55, Appl | C 658 | 18 | 0.7 | 18 | 1 | US-10-735-592-1 | Sequence 1, Appl |
| C 586 | 18.8 | 0.7 | 51 | 1 | US-10-393-815-143 | Sequence 143, App | C 659 | 18 | 0.7 | 18 | 1 | US-10-766-096-9 | Sequence 9, Appl |
| C 587 | 18.6 | 0.7 | 60 | 1 | US-09-908-975-31969 | Sequence 31969, A | C 660 | 18 | 0.7 | 18 | 1 | US-10-775-973-10 | Sequence 10, Appl |
| C 588 | 18.4 | 0.7 | 20 | 1 | US-09-005-243-32 | Sequence 32, Appl | C 661 | 18 | 0.7 | 18 | 1 | US-10-776-917-141 | Sequence 141, App |
| C 589 | 18.4 | 0.7 | 20 | 1 | US-09-005-243-34 | Sequence 34, Appl | C 662 | 18 | 0.7 | 18 | 1 | US-10-776-933-150 | Sequence 150, App |
| C 590 | 18.4 | 0.7 | 20 | 1 | US-09-224-683-32 | Sequence 32, Appl | C 663 | 18 | 0.7 | 18 | 1 | US-10-776-934-741 | Sequence 741, App |
| C 591 | 18.4 | 0.7 | 20 | 1 | US-09-224-683-34 | Sequence 34, Appl | C 664 | 18 | 0.7 | 18 | 1 | US-10-785-744-15 | Sequence 15, Appl |
| C 592 | 18.4 | 0.7 | 20 | 1 | US-10-175-608-32 | Sequence 32, Appl | C 665 | 18 | 0.7 | 18 | 1 | US-10-831-778-913 | Sequence 913, App |
| C 593 | 18.4 | 0.7 | 20 | 1 | US-10-175-608-32 | Sequence 32, Appl | C 666 | 18 | 0.7 | 18 | 1 | US-10-849-072-21 | Sequence 939, App |
| C 594 | 18.4 | 0.7 | 20 | 1 | US-10-353-783-32 | Sequence 32, Appl | C 667 | 18 | 0.7 | 18 | 1 | US-10-849-072-23 | Sequence 21, Appl |
| C 595 | 18.4 | 0.7 | 20 | 1 | US-10-353-783-34 | Sequence 34, Appl | C 668 | 18 | 0.7 | 18 | 1 | US-10-884-617-2 | Sequence 2, Appl |
| C 596 | 18.4 | 0.7 | 20 | 1 | US-10-620-642-32 | Sequence 32, Appl | C 669 | 18 | 0.7 | 18 | 1 | US-10-959-440-84 | Sequence 84, Appl |
| C 597 | 18.4 | 0.7 | 20 | 1 | US-10-620-642-34 | Sequence 34, Appl | C 670 | 18 | 0.7 | 18 | 1 | US-11-024-428-7 | Sequence 7, Appl |
| C 598 | 18.4 | 0.7 | 20 | 1 | US-10-671-395-654 | Sequence 654, App | C 671 | 18 | 0.7 | 18 | 1 | US-11-041-103-69 | Sequence 69, Appl |
| C 599 | 18.4 | 0.7 | 20 | 1 | US-10-728-399-141 | Sequence 141, App | C 672 | 18 | 0.7 | 18 | 1 | US-11-127-654-882 | Sequence 882, App |
| C 600 | 18.4 | 0.7 | 20 | 1 | US-10-728-399-87 | Sequence 87, Appl | C 673 | 18 | 0.7 | 18 | 1 | US-11-237-922-26 | Sequence 26, Appl |
| C 601 | 18.4 | 0.7 | 20 | 1 | US-10-831-901A-29730 | Sequence 29730, A | C 674 | 18 | 0.7 | 19 | 1 | US-09-917-138-2 | Sequence 2, Appl |
| C 602 | 18.2 | 0.7 | 19 | 1 | US-09-371-307-85 | Sequence 85, Appl | C 675 | 18 | 0.7 | 19 | 1 | US-09-996-292A-54 | Sequence 54, Appl |
| C 603 | 18.2 | 0.7 | 19 | 1 | US-10-176-884-14 | Sequence 14, Appl | C 676 | 18 | 0.7 | 19 | 1 | US-09-996-292A-55 | Sequence 55, Appl |
| C 604 | 18.2 | 0.7 | 19 | 1 | US-10-176-884-14 | Sequence 1, Appl | C 677 | 18 | 0.7 | 19 | 1 | US-10-013-295-54 | Sequence 54, Appl |
| C 605 | 18.2 | 0.7 | 19 | 1 | US-10-177-478-1 | Sequence 1, Appl | C 678 | 18 | 0.7 | 19 | 1 | US-10-013-295-55 | Sequence 55, Appl |
| C 606 | 18.2 | 0.7 | 19 | 1 | US-10-182-230-196 | Sequence 196, App | C 679 | 18 | 0.7 | 19 | 1 | US-10-096-221-3 | Sequence 3, Appl |
| C 607 | 18.2 | 0.7 | 19 | 1 | US-10-401-321-85 | Sequence 85, Appl | C 680 | 18 | 0.7 | 19 | 1 | US-10-100-321-22 | Sequence 22, Appl |
| C 608 | 18.2 | 0.7 | 19 | 1 | US-10-950-095-73 | Sequence 73, Appl | C 681 | 18 | 0.7 | 19 | 1 | US-10-205-309-325 | Sequence 325, App |
| C 609 | 18.2 | 0.7 | 19 | 1 | US-10-950-321-1 | Sequence 1, Appl | C 682 | 18 | 0.7 | 19 | 1 | US-10-205-309-650 | Sequence 650, App |
| C 610 | 18.2 | 0.7 | 19 | 1 | US-10-965-470-1 | Sequence 1, Appl | C 683 | 18 | 0.7 | 19 | 1 | US-10-913-246-22 | Sequence 22, Appl |
| C 611 | 18.2 | 0.7 | 19 | 1 | US-10-981-334-137 | Sequence 67, Appl | C 684 | 18 | 0.7 | 19 | 1 | US-10-934-944-363 | Sequence 363, App |
| C 612 | 18.2 | 0.7 | 19 | 1 | US-11-010-239-913 | Sequence 132, App | C 685 | 18 | 0.7 | 19 | 1 | US-10-934-944-363 | Sequence 363, App |
| C 613 | 18.2 | 0.7 | 19 | 1 | US-11-051-456-44 | Sequence 44, Appl | C 686 | 18 | 0.7 | 19 | 1 | US-10-950-095-74 | Sequence 74, Appl |
| C 614 | 18.2 | 0.7 | 19 | 1 | US-11-114-406-1 | Sequence 1, Appl | C 687 | 18 | 0.7 | 19 | 1 | US-10-950-321-2 | Sequence 2, Appl |
| C 615 | 18 | 0.7 | 18 | 1 | US-09-370-541-14 | Sequence 14, Appl | C 688 | 18 | 0.7 | 19 | 1 | US-10-957-569-2 | Sequence 2, Appl |
| C 616 | 18 | 0.7 | 18 | 1 | US-09-776-479-913 | Sequence 913, App | C 689 | 18 | 0.7 | 19 | 1 | US-10-981-334-68 | Sequence 68, Appl |
| C 617 | 18 | 0.7 | 18 | 1 | US-09-776-479-913 | Sequence 913, App | C 690 | 18 | 0.7 | 19 | 1 | US-11-010-239-133 | Sequence 133, App |

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|-------|------|-----|----|---|----------------------|---------------------|-------|------|-----|----|---|---------------------|---------------------|
| c 691 | 18 | 0.7 | 19 | 1 | US-11-116-881A-2260 | Sequence 2260, Ap | c 764 | 16.2 | 0.6 | 18 | 1 | US-09-981-397A-1 | Sequence 1, Appli |
| c 692 | 18 | 0.7 | 19 | 1 | US-11-148-593-3 | Sequence 3, Appli | c 765 | 16.2 | 0.6 | 19 | 1 | US-10-103-614A-4 | Sequence 4, Appli |
| c 693 | 18 | 0.7 | 20 | 1 | US-10-728-078-14 | Sequence 14, Appli | c 766 | 16 | 0.6 | 16 | 1 | US-09-152-059-70 | Sequence 70, Appli |
| c 694 | 18 | 0.7 | 21 | 1 | US-10-735-592-13 | Sequence 13, Appli | c 767 | 16 | 0.6 | 16 | 1 | US-09-438-486-131 | Sequence 131, App |
| c 695 | 18 | 0.7 | 21 | 1 | US-10-770-726-9191 | Sequence 9191, Ap | c 768 | 16 | 0.6 | 16 | 1 | US-09-739-928-2 | Sequence 2, Appli |
| c 696 | 18 | 0.7 | 21 | 1 | US-10-770-726-9192 | Sequence 9192, Ap | c 769 | 16 | 0.6 | 16 | 1 | US-09-766-253-131 | Sequence 9, Appli |
| c 697 | 18 | 0.7 | 21 | 1 | US-10-770-726-9194 | Sequence 9194, Ap | c 770 | 16 | 0.6 | 16 | 1 | US-09-805-296D-9 | Sequence 9, Appli |
| c 698 | 17.8 | 0.6 | 21 | 1 | US-10-751-736-42531 | Sequence 42531, A | c 771 | 16 | 0.6 | 16 | 1 | US-09-843-676-131 | Sequence 131, App |
| c 699 | 17.8 | 0.6 | 21 | 1 | US-10-751-736-42531 | Sequence 42531, A | c 772 | 16 | 0.6 | 16 | 1 | US-09-895-585-9 | Sequence 9, Appli |
| c 700 | 17.8 | 0.6 | 21 | 1 | US-10-847-918-14541 | Sequence 14541, A | c 773 | 16 | 0.6 | 16 | 1 | US-10-008-029-70 | Sequence 70, Appli |
| c 701 | 17.4 | 0.6 | 21 | 1 | US-09-306-333A-9 | Sequence 9, Appli | c 774 | 16 | 0.6 | 16 | 1 | US-10-053-758-131 | Sequence 131, App |
| c 702 | 17.4 | 0.6 | 20 | 1 | US-09-955-410-4 | Sequence 4, Appli | c 775 | 16 | 0.6 | 16 | 1 | US-10-054-295-131 | Sequence 131, App |
| c 703 | 17.4 | 0.6 | 20 | 1 | US-10-184-890-4 | Sequence 5, Appli | c 776 | 16 | 0.6 | 16 | 1 | US-10-072-975-9 | Sequence 9, Appli |
| c 704 | 17.4 | 0.6 | 20 | 1 | US-10-380-040A-5 | Sequence 6, Appli | c 777 | 16 | 0.6 | 16 | 1 | US-10-121-641D-1 | Sequence 1, Appli |
| c 705 | 17.4 | 0.6 | 20 | 1 | US-10-380-040A-6 | Sequence 58, App | c 778 | 16 | 0.6 | 16 | 1 | US-10-203-780-9 | Sequence 9, Appli |
| c 706 | 17.4 | 0.6 | 20 | 1 | US-10-728-399-199 | Sequence 199, App | c 779 | 16 | 0.6 | 16 | 1 | US-10-208-357-22 | Sequence 22, Appli |
| c 707 | 17.4 | 0.6 | 20 | 1 | US-10-831-901A-29729 | Sequence 29729, A | c 780 | 16 | 0.6 | 16 | 1 | US-10-208-650-70 | Sequence 70, Appli |
| c 708 | 17.4 | 0.6 | 20 | 1 | US-10-770-726-2582 | Sequence 2582, Ap | c 781 | 16 | 0.6 | 16 | 1 | US-10-227-001-21 | Sequence 21, Appli |
| c 709 | 17.4 | 0.6 | 21 | 1 | US-10-770-726-2583 | Sequence 2583, Ap | c 782 | 16 | 0.6 | 16 | 1 | US-10-360-275-9 | Sequence 9, Appli |
| c 710 | 17.4 | 0.6 | 21 | 1 | US-09-438-486-132 | Sequence 132, App | c 783 | 16 | 0.6 | 16 | 1 | US-10-398-483-10 | Sequence 10, Appli |
| c 711 | 17 | 0.6 | 17 | 1 | US-09-726-096A-5 | Sequence 5, Appli | c 784 | 16 | 0.6 | 16 | 1 | US-10-755-118-94 | Sequence 94, Appli |
| c 712 | 17 | 0.6 | 17 | 1 | US-09-766-253-132 | Sequence 132, App | c 785 | 16 | 0.6 | 16 | 1 | US-10-776-099-9 | Sequence 9, Appli |
| c 713 | 17 | 0.6 | 17 | 1 | US-09-843-676-132 | Sequence 132, App | c 786 | 16 | 0.6 | 16 | 1 | US-11-132-650-70 | Sequence 70, Appli |
| c 714 | 17 | 0.6 | 17 | 1 | US-10-053-758-132 | Sequence 132, App | c 787 | 16 | 0.6 | 16 | 1 | US-11-145-005A-130 | Sequence 130, App |
| c 715 | 17 | 0.6 | 17 | 1 | US-10-054-295-132 | Sequence 132, App | c 788 | 16 | 0.6 | 16 | 1 | US-09-090-672B-105 | Sequence 105, App |
| c 716 | 17 | 0.6 | 17 | 1 | US-10-054-295-132 | Sequence 132, App | c 789 | 16 | 0.6 | 17 | 1 | US-09-730-559B-107 | Sequence 107, App |
| c 717 | 17 | 0.6 | 17 | 1 | US-10-054-611-132 | Sequence 132, App | c 790 | 16 | 0.6 | 17 | 1 | US-10-138-674-1074 | Sequence 1074, Ap |
| c 718 | 17 | 0.6 | 17 | 1 | US-10-117-267-5 | Sequence 5, Appli | c 791 | 16 | 0.6 | 17 | 1 | US-10-138-674-1075 | Sequence 1075, Ap |
| c 719 | 17 | 0.6 | 17 | 1 | US-10-156-306-6897 | Sequence 6897, Ap | c 792 | 16 | 0.6 | 17 | 1 | US-10-156-306-6333 | Sequence 6333, Ap |
| c 720 | 17 | 0.6 | 17 | 1 | US-10-208-357-23 | Sequence 23, Appli | c 793 | 16 | 0.6 | 17 | 1 | US-10-156-306-6896 | Sequence 6896, Ap |
| c 721 | 17 | 0.6 | 17 | 1 | US-10-324-409B-16 | Sequence 16, Appli | c 794 | 16 | 0.6 | 17 | 1 | US-10-220-373-7 | Sequence 7, Appli |
| c 722 | 17 | 0.6 | 17 | 1 | US-10-519-122-81 | Sequence 81, Appli | c 795 | 16 | 0.6 | 17 | 1 | US-10-239-734-3 | Sequence 3, Appli |
| c 723 | 17 | 0.6 | 17 | 1 | US-10-735-592-49 | Sequence 49, Appli | c 796 | 16 | 0.6 | 17 | 1 | US-10-287-949A-1074 | Sequence 1074, Ap |
| c 724 | 17 | 0.6 | 17 | 1 | US-10-735-592-8 | Sequence 8, Appli | c 797 | 16 | 0.6 | 17 | 1 | US-10-287-949A-1075 | Sequence 1075, Ap |
| c 725 | 17 | 0.6 | 17 | 1 | US-10-951-549-3 | Sequence 3, Appli | c 798 | 16 | 0.6 | 17 | 1 | US-10-291-808-63 | Sequence 63, Appli |
| c 726 | 17 | 0.6 | 17 | 1 | US-11-099-683-43 | Sequence 43, Appli | c 799 | 16 | 0.6 | 17 | 1 | US-10-309-152A-3 | Sequence 3, Appli |
| c 727 | 17 | 0.6 | 18 | 1 | US-10-669-962-28 | Sequence 28, Appli | c 800 | 16 | 0.6 | 17 | 1 | US-10-333-461-24 | Sequence 24, Appli |
| c 728 | 17 | 0.6 | 18 | 1 | US-10-669-962-29 | Sequence 29, Appli | c 801 | 16 | 0.6 | 17 | 1 | US-10-352-253A-24 | Sequence 24, Appli |
| c 729 | 17 | 0.6 | 20 | 1 | US-10-770-726-8651 | Sequence 7, Appli | c 802 | 16 | 0.6 | 17 | 1 | US-10-352-253A-24 | Sequence 3, Appli |
| c 730 | 16.8 | 0.6 | 21 | 1 | US-09-263-959-849 | Sequence 8651, Ap | c 803 | 16 | 0.6 | 17 | 1 | US-10-380-254-3 | Sequence 6, Appli |
| c 731 | 16.8 | 0.6 | 20 | 1 | US-10-467-008-100 | Sequence 849, App | c 804 | 16 | 0.6 | 17 | 1 | US-10-380-255-6 | Sequence 2, Appli |
| c 732 | 16.8 | 0.6 | 20 | 1 | US-10-671-395-616 | Sequence 100, App | c 805 | 16 | 0.6 | 17 | 1 | US-10-398-877-18 | Sequence 18, Appli |
| c 733 | 16.8 | 0.6 | 20 | 1 | US-10-831-901A-10850 | Sequence 616, App | c 806 | 16 | 0.6 | 17 | 1 | US-10-398-885A-2 | Sequence 161, App |
| c 734 | 16.8 | 0.6 | 20 | 1 | US-10-831-901A-10851 | Sequence 10850, A | c 807 | 16 | 0.6 | 17 | 1 | US-10-498-462-161 | Sequence 162, App |
| c 735 | 16.8 | 0.6 | 20 | 1 | US-10-831-901A-10852 | Sequence 10851, A | c 808 | 16 | 0.6 | 17 | 1 | US-10-498-462-162 | Sequence 162, App |
| c 736 | 16.8 | 0.6 | 20 | 1 | US-10-831-901A-10853 | Sequence 10852, A | c 809 | 16 | 0.6 | 17 | 1 | US-10-608-863-3 | Sequence 3, Appli |
| c 737 | 16.8 | 0.6 | 20 | 1 | US-10-831-901A-29728 | Sequence 29728, A | c 810 | 16 | 0.6 | 17 | 1 | US-10-951-303-1074 | Sequence 1074, Ap |
| c 738 | 16.8 | 0.6 | 20 | 1 | US-10-831-901A-3188 | Sequence 3188, Ap | c 811 | 16 | 0.6 | 17 | 1 | US-10-951-303-1075 | Sequence 1075, Ap |
| c 739 | 16.8 | 0.6 | 21 | 1 | US-10-751-736-45235 | Sequence 34570, A | c 812 | 16 | 0.6 | 17 | 1 | US-10-951-303-1075 | Sequence 30, Appli |
| c 740 | 16.8 | 0.6 | 21 | 1 | US-10-751-736-45235 | Sequence 45235, A | c 813 | 16 | 0.6 | 17 | 1 | US-11-099-683-30 | Sequence 33, Appli |
| c 741 | 16.8 | 0.6 | 21 | 1 | US-10-773-678-401 | Sequence 401, App | c 814 | 16 | 0.6 | 17 | 1 | US-11-099-683-33 | Sequence 9, Appli |
| c 742 | 16.8 | 0.6 | 21 | 1 | US-09-994-311-6 | Sequence 14539, A | c 815 | 16 | 0.6 | 18 | 1 | US-09-775-479-9 | Sequence 5, Appli |
| c 743 | 16.8 | 0.6 | 21 | 1 | US-09-994-311-7 | Sequence 6, Appli | c 816 | 16 | 0.6 | 18 | 1 | US-09-994-311-5 | Sequence 5, Appli |
| c 744 | 16.4 | 0.6 | 18 | 1 | US-09-994-311-7 | Sequence 7, Appli | c 817 | 16 | 0.6 | 19 | 1 | US-10-872-984-5 | Sequence 62, Appli |
| c 745 | 16.4 | 0.6 | 18 | 1 | US-10-333-461-18 | Sequence 18, Appli | c 818 | 16 | 0.6 | 19 | 1 | US-10-517-544-62 | Sequence 162, App |
| c 746 | 16.4 | 0.6 | 18 | 1 | US-10-352-253A-18 | Sequence 18, Appli | c 819 | 16 | 0.6 | 19 | 1 | US-10-800-487-162 | Sequence 162, App |
| c 747 | 16.4 | 0.6 | 18 | 1 | US-10-352-253A-18 | Sequence 18, Appli | c 820 | 16 | 0.6 | 19 | 1 | US-10-800-487-328 | Sequence 328, App |
| c 748 | 16.4 | 0.6 | 18 | 1 | US-10-872-984-6 | Sequence 6, Appli | c 821 | 16 | 0.6 | 19 | 1 | US-10-800-487-328 | Sequence 150, App |
| c 749 | 16.4 | 0.6 | 18 | 1 | US-10-872-984-6 | Sequence 6, Appli | c 822 | 16 | 0.6 | 19 | 1 | US-10-871-222-350 | Sequence 300, App |
| c 750 | 16.4 | 0.6 | 18 | 1 | US-10-872-984-6 | Sequence 6, Appli | c 823 | 16 | 0.6 | 19 | 1 | US-10-871-222-350 | Sequence 162, App |
| c 751 | 16.4 | 0.6 | 18 | 1 | US-10-872-984-6 | Sequence 6, Appli | c 824 | 16 | 0.6 | 19 | 1 | US-10-923-181-328 | Sequence 328, App |
| c 752 | 16.4 | 0.6 | 19 | 1 | US-10-871-222-404 | Sequence 404, App | c 825 | 15.8 | 0.6 | 19 | 1 | US-10-923-181-328 | Sequence 247, App |
| c 753 | 16.4 | 0.6 | 19 | 1 | US-10-871-222-508 | Sequence 508, App | c 826 | 15.8 | 0.6 | 19 | 1 | US-10-251-117-247 | Sequence 496, App |
| c 754 | 16.4 | 0.6 | 19 | 1 | US-10-898-311-195 | Sequence 195, App | c 827 | 15.8 | 0.6 | 19 | 1 | US-10-251-117-496 | Sequence 197, App |
| c 755 | 16.4 | 0.6 | 19 | 1 | US-10-898-311-451 | Sequence 451, App | c 828 | 15.8 | 0.6 | 19 | 1 | US-10-444-925-197 | Sequence 11109, A |
| c 756 | 16.4 | 0.6 | 19 | 1 | US-10-923-379-163 | Sequence 326, App | c 829 | 15.8 | 0.6 | 19 | 1 | US-10-750-623-1109 | Sequence 11109, A |
| c 757 | 16.4 | 0.6 | 19 | 1 | US-10-923-379-163 | Sequence 326, App | c 830 | 15.8 | 0.6 | 19 | 1 | US-10-863-973-389 | Sequence 389, App |
| c 758 | 16.4 | 0.6 | 19 | 1 | US-11-014-373-469 | Sequence 192, App | c 831 | 15.8 | 0.6 | 19 | 1 | US-10-863-973-389 | Sequence 589, App |
| c 759 | 16.4 | 0.6 | 19 | 1 | US-11-014-373-469 | Sequence 469, App | c 832 | 15.8 | 0.6 | 19 | 1 | US-10-922-675-589 | Sequence 589, App |
| c 760 | 16.4 | 0.6 | 19 | 1 | US-11-140-328-574 | Sequence 574, App | c 833 | 15.8 | 0.6 | 19 | 1 | US-10-922-675-589 | Sequence 198, Appli |
| c 761 | 16.4 | 0.6 | 20 | 1 | US-10-005-715-19 | Sequence 19, Appli | c 834 | 15.8 | 0.6 | 19 | 1 | US-10-923-142-198 | Sequence 99, Appli |
| c 762 | 16.4 | 0.6 | 20 | 1 | US-10-728-399-273 | Sequence 273, Appli | c 835 | 15.8 | 0.6 | 19 | 1 | US-10-923-354-247 | Sequence 247, App |
| c 763 | 16.4 | 0.6 | 70 | 1 | US/10/763 | Sequence 111, App | | | | | | | |

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Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2337 AAGAGGAGCTGAAGACCCACATCAGCAAGGTACGCTGGGCAAGTTCACTGTGCCCATGC 2396
Db 1 AAGAGGAGCTGAGACCCACATCAGCAAGGTACGCTGGGCAAGTTCACTGTGCCCATGC 60

RESULT 5
US-09-908-975-31970
; Sequence 31970, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Liat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICE
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 31970
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-908-975-31970

Query Match 2.2%; Score 60; DB 1; Length 60;
Best Local Similarity 100.0%; Pred. No. 0.17; Indels 0; Gaps 0;
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2564 TTCTCCTGAGCTAGGAAGTCTACCCGACATAGTCGAGGACTTATGTTTTGAGGC 2623
Db 1 TTCTCCTGAGCTAGGAAGTCTACCCGACATAGTCGAGGACTTATGTTTTGAGGC 60

RESULT 6
US-09-908-975-6003
; Sequence 6003, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Liat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICE
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6003
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-908-975-6003

Query Match 2.2%; Score 60; DB 1; Length 60;
Best Local Similarity 100.0%; Pred. No. 0.17; Indels 0; Gaps 0;
Matches 60; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2119 GAACCTGGAGCCTTGCCCTTGGATTGTGATGGAGCGGAAACAAGCAGTGGACCTGCATT 2178
Db 1 GAACCTGGAGCCTTGCCCTTGGATTGTGATGGAGCGGAAACAAGCAGTGGACCTGCATT 60
RESULT 7
US-10-211-088-164
; Sequence 164, Application US/10211088
; Publication No. US20030104479A1
; GENERAL INFORMATION:
; APPLICANT: Bright, Gary R.
; APPLICANT: Premkumar, D. David
; APPLICANT: Chen, Yih-Tai
; TITLE OF INVENTION: No. US20030104479A1el Fusion Proteins And Assays For Molecular Bi.
; FILE REFERENCE: 01-1022-US
; CURRENT APPLICATION NUMBER: US/10/211,088
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/309,395
; PRIOR FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: 60/341,589
; PRIOR FILING DATE: 2001-12-13
; NUMBER OF SEQ ID NOS: 366
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 164
; LENGTH: 54
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE: INFORMATION: Sequence encoding NLS
; OTHER INFORMATION: Sequence encoding NLS
US-10-211-088-164

Query Match 2.0%; Score 54; DB 1; Length 54;
Best Local Similarity 100.0%; Pred. No. 0.54; Indels 0; Gaps 0;
Matches 54; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2270 AAGTTACCAAGAGAAACACGATATGAAGTTCTTGGAGCAAAAGGCCCAAG 2323
Db 1 AAGTTACCAAGAGAAACACGATATGAAGTTCTTGGAGCAAAAGGCCCAAG 54

RESULT 8
US-10-131-827-6385
; Sequence 6385, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgenuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUN
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6385
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-6385

Query Match 1.8%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 1.2; Indels 0; Gaps 0;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1493 GCTCTCAAGCCTCTCCCAATAAAGCTCTATCGGGAAACAAATGAACCACT 1542

Db 1 GCTCTCAAGCCTCTCCATTAAGCTCTATCGGGAACCAATGAACCACT 50

RESULT 9

US-10-131-827-6775/c
; Sequence 6775, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgenuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Lv, Ngoc
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6775
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-6775

Query Match 1.8%; Score 50; DB 1; Length 50;
Best Local Similarity 100.0%; Pred. No. 1.2;
Matches 50; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1493 GCTCTCAAGCCTCTCCATTAAGCTCTATCGGGAACCAATGAACCACT 1542

Db 50 GCTCTCAAGCCTCTCCATTAAGCTCTATCGGGAACCAATGAACCACT 1

RESULT 10

US-10-393-815-142
; Sequence 142, Application US/10393815
; Publication No. US20030224413A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide Polymorphisms
; TITLE OF INVENTION: And Methods of Use Thereof
; FILE REFERENCE: 15966-534B
; CURRENT APPLICATION NUMBER: US/10/393,815
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 320
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 142
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: allele
; LOCATION: (26)...(0)
; OTHER INFORMATION: single nucleotide polymorphism
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43947230
US-10-393-815-142

Query Match 1.8%; Score 49.4; DB 1; Length 51;
Best Local Similarity 98.0%; Pred. No. 1.3;
Matches 50; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1373 GAAGACCTGTTGGGAAGGTTTCGCGCAAGAGAGACCAAGGAGCACTC 1423

Db 1 GAAGACCTGTTGGGAAGGTTTCGCGCAAGAGAGACCAAGGAGCACTC 51

RESULT 11

US-10-393-815-143
; Sequence 143, Application US/10393815
; Publication No. US20030224413A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide Polymorphisms
; TITLE OF INVENTION: And Methods of Use Thereof
; FILE REFERENCE: 15966-534B
; CURRENT APPLICATION NUMBER: US/10/393,815
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 320
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 143
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: allele
; LOCATION: (26)...(0)
; OTHER INFORMATION: single nucleotide polymorphism
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43947230
US-10-393-815-143

Query Match 1.8%; Score 49.4; DB 1; Length 51;
Best Local Similarity 98.0%; Pred. No. 1.3;
Matches 50; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1618 CTATGGAGTCGTCAGATTATCTCGGGAAGAGGAAACAGAGAGCTAAA 1668

Db 1 CTATGGAGTCGTCAGATTATCTCGGGAAGAGGAAACAGAGAGCTAAA 51

RESULT 12

US-10-131-827-2130
; Sequence 2130, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgenuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Lv, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT APPLICATION NUMBER: US/10/131,827
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2130
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-2130

Query Match 1.8%; Score 48.4; DB 1; Length 50;
Best Local Similarity 98.0%; Pred. No. 1.5;
Matches 49; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Tue Nov 7 10:41:37 2006

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QY 2638 GTGATGGTGTAGCCCTCCCACTTGTGTTCTTACTTCTGCTGAAAT 2687
DB 1 GTGATGGTGTAGCCCTCCCACTTGTGTTCTTACTTCTGCTGAAAT 50

RESULT 13
US-10-131-827-80
; Sequence 80, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 80
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-80

Query Match 1.8%; Score 48.4; DB 1; Length 50;
Best Local Similarity 98.0%; Pred. No. 1.5;
Matches 49; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2629 GTTGCCATGGTGTAGCGTGTAGCCCTCCCACTTGTGTTCTTACTTTAC 2678
DB 1 GTTGCCATGGTGTAGCGTGTAGCCCTCCCACTTGTGTTCTTACTTTAC 50

RESULT 14
US-10-131-827-82
; Sequence 82, Application US/10131827
; Publication No. US20040009479A1
; GENERAL INFORMATION:
; APPLICANT: Wohlgemuth, Jay
; APPLICANT: Fry, Kirk
; APPLICANT: Woodward, Robert
; APPLICANT: Ly, Ngoc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
; TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
; FILE REFERENCE: 506612000120
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US 10/006,290
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/296,764
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 9090
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 82
; LENGTH: 50
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-131-827-82

Query Match 1.8%; Score 48.4; DB 1; Length 50;
Best Local Similarity 98.0%; Pred. No. 1.5;
Matches 49; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2629 GTTGCCATGGTGTAGCGTGTAGCCCTCCCACTTGTGTTCTTACTTTAC 2678
DB 1 GTTGCCATGGTGTAGCGTGTAGCCCTCCCACTTGTGTTCTTACTTTAC 50

RESULT 15
US-10-289-921-6/c
; Sequence 6, Application US/10289921
; Publication No. US20030113337A1
; GENERAL INFORMATION:
; APPLICANT: MERUELO, Daniel
; APPLICANT: OHNO, Kouichi
; APPLICANT: LEVIN, Brandi A.
; TITLE OF INVENTION: HIGH EFFICIENCY TISSUE SPECIFIC COMPOUND
; TITLE OF INVENTION: DELIVERY SYSTEM USING STREPTAVIDIN-PROTEIN A FUSION PROTEIN
; FILE REFERENCE: 5986/11123-US1
; CURRENT APPLICATION NUMBER: US/10/289,921
; CURRENT FILING DATE: 2003-02-27
; PRIOR APPLICATION NUMBER: US 08/566,421
; PRIOR FILING DATE: 1995-11-30
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: biotinylated poly(dT) oligonucleotide
US-10-289-921-6

Query Match 1.3%; Score 36; DB 1; Length 39;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 36; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAACAAAAA 2742
DB 37 CTAACAAAAA 2

RESULT 16
US-10-352-253A-37/c
; Sequence 37, Application US/10352253A
; Publication No. US20030175908A1
; GENERAL INFORMATION:
; APPLICANT: Linnarsson, Sten
; APPLICANT: Ernfors, Patrik
; APPLICANT: Bauren, Goran
; APPLICANT: Metcalf, Acs
; APPLICANT: Pihlak, Arno
; APPLICANT: Montelius, Andreas
; TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid
; FILE REFERENCE: 620-234
; CURRENT APPLICATION NUMBER: US/10/352,253A
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,215
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 43
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc feature
; LOCATION: (42)-(42)
; OTHER INFORMATION: n is optional and if present is a, g, c or t
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (43)-(43)
; OTHER INFORMATION: n is optional and if present is a, g, c or t
; NAME/KEY: misc feature
; LOCATION: (1)-(40)
; OTHER INFORMATION: Any 30 t's may be absent; indicates a range of 10 - 40
```

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; OTHER INFORMATION: nucleotides
US-10-352-253A-37

Query Match      1.3%; Score 35.2; DB 1; Length 43;
Best Local Similarity 97.2%; Pred. No. 18;
Matches 35; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA.....AAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 41 BAAAAA.....AAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

RESULT 17
US-10-601-140A-11/c
; Sequence 11, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: KAUPPINEN, SAKARI
; APPLICANT: JACOBSEN, NANA
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; PRIOR FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 11
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-601-140A-11

Query Match      1.3%; Score 35; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 22;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA.....AAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 35 AAAAAA.....AAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 18
US-10-601-140A-12/c
; Sequence 12, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: KAUPPINEN, SAKARI
; APPLICANT: JACOBSEN, NANA
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; PRIOR FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 12
; LENGTH: 35
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (16)
; OTHER INFORMATION: LNA monomer
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; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (18)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (20)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (22)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (24)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (26)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (28)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (30)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (32)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (34)
; OTHER INFORMATION: LNA monomer
US-10-601-140A-12

Query Match      1.3%; Score 35; DB 1; Length 35;
Best Local Similarity 100.0%; Pred. No. 22;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA.....AAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 35 AAAAAA.....AAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 19
US-10-744-730-6/c
; Sequence 6, Application US/10744730
; Publication No. US20040137491A1
; GENERAL INFORMATION:
; APPLICANT: Tadashi, OKAMOTO
; APPLICANT: Hiromitsu, TAKASE
; TITLE OF INVENTION: METHOD OF ANALYZING PROBE CARRIER USING TIME-OF-FLIGHT SECONDARY
; FILE REFERENCE: CFO17354US
; CURRENT APPLICATION NUMBER: US/10/744,730
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: JP 2002-190010
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191391
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191414
; PRIOR FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
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```

; OTHER INFORMATION: Sequence for Probe
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (39)..(39)
; OTHER INFORMATION: bromated uracil
US-10-744-730-6

Query Match 1.3%; Score 35; DB 1; Length 39;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 39 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 5

RESULT 20
US-09-732-047B-7
; Sequence 7, Application US/09732047B
; Publication No. US20040175696A1
; GENERAL INFORMATION:
; APPLICANT: Ullman, Edwin
; APPLICANT: Singh, Rajendra
; APPLICANT: Dekecz, Steve
; APPLICANT: Davalian, Dariush
; TITLE OF INVENTION: Amplified Luminescent Homogeneous
; TITLE OF INVENTION: Immuncassay
; FILE REFERENCE: BEH-7385
; CURRENT APPLICATION NUMBER: US/09/732,047B
; CURRENT FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: hybridization oligo
US-09-732-047B-7

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 35

RESULT 21
US-10-398-483-8
; Sequence 8, Application US/10398483
; Publication No. US20040166499A1
; GENERAL INFORMATION:
; APPLICANT: Hayashizaki, Yoshihide
; TITLE OF INVENTION: Oligonucleotide linkers comprising a variable cohesive portion an
; TITLE OF INVENTION: for the preparation of polynucleotide libraries by using said li
; FILE REFERENCE: 2870-0247P
; CURRENT APPLICATION NUMBER: US/10/398,483
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence used in the preparation of a full-length cDNA library
US-10-398-483-8

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 35

RESULT 22
US-10-463-549-26/c
; Sequence 26, Application US/10463549
; Publication No. US20040053308A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Kumi
; TITLE OF INVENTION: Probe Immobilized Substrate and Method for Manufacturing the Same
; TITLE OF INVENTION: Analytical Method
; FILE REFERENCE: 03560.003309
; CURRENT APPLICATION NUMBER: US/10/463,549
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: 2002-190009
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: 2002-189836
; PRIOR FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 26
; SEQ ID NO 26
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized
US-10-463-549-26

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

RESULT 23
US-10-463-574A-1
; Sequence 1, Application US/10463574A
; Publication No. US20040259088A1
; GENERAL INFORMATION:
; APPLICANT: Okamoto, Tadashi
; APPLICANT: Takase, Hiromitsu
; APPLICANT: Hashimoto, Hiroyuki
; TITLE OF INVENTION: A Method for Analyzing RNA Using Time of Flight Secondary Ion Ma
; TITLE OF INVENTION: Spectrometry
; FILE REFERENCE: 03560.003311
; CURRENT APPLICATION NUMBER: US/10/463,574A
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: JP 2002-189838
; PRIOR FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 2
; SEQ ID NO 1
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence for Hybridization Test
US-10-463-574A-1

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 35

RESULT 24
```

```

; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0206
; CURRENT APPLICATION NUMBER: US/10/661,088
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 23
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-088-23

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

RESULT 27
US-10-661-097-20
; Sequence 20, Application US/10661097
; Publication No. US20040162254A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0204
; CURRENT APPLICATION NUMBER: US/10/661,097
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 20
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-097-20

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 35

RESULT 28
US-10-661-097-23/c
; Sequence 23, Application US/10661097

```

| Query Match | Best Local Similarity | Score | DB 1; | Length | DB 2; | Indels | Gaps |
|------------------------------------------------------------------|------------------------------------------|---------------|-----------|------------|-------|--------|------|
| Query Match | Best Local Similarity | Score | DB 1; | Length | DB 2; | Indels | Gaps |
| 1.3%; | 100.0%; | 35; | DB 1; | Length 40; | DB 2; | Indels | Gaps |
| Matches 35; | Conservative 0; | Mismatches 0; | Indels 0; | Gaps 0; | | | |
| QY 2709 | AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | 2743 | | | | | |
| DB 40 | AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | 6 | | | | | |
| RESULT 31 | | | | | | | |
| US-10-661-355-20 | | | | | | | |
| Sequence 20, Application US/10661355 | | | | | | | |
| Publication No. US20040170959A1 | | | | | | | |
| GENERAL INFORMATION: | | | | | | | |
| APPLICANT: JUTEAU, JEAN-MARC | | | | | | | |
| TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV | | | | | | | |
| FILE REFERENCE: 029849/0203 | | | | | | | |
| CURRENT APPLICATION NUMBER: US/10/661,099 | | | | | | | |
| CURRENT FILING DATE: 2003-09-12 | | | | | | | |
| PRIOR APPLICATION NUMBER: PCT/IB03/04573 | | | | | | | |
| PRIOR FILING DATE: 2003-09-11 | | | | | | | |
| PRIOR APPLICATION NUMBER: 60/430,934 | | | | | | | |
| PRIOR FILING DATE: 2002-12-05 | | | | | | | |
| PRIOR APPLICATION NUMBER: 60/410,264 | | | | | | | |
| PRIOR FILING DATE: 2002-09-13 | | | | | | | |
| NUMBER OF SEQ ID NOS: 36 | | | | | | | |
| SOFTWARE: PatentIn Ver. 3.2 | | | | | | | |
| SEQ ID NO 23 | | | | | | | |
| LENGTH: 40 | | | | | | | |
| TYPE: DNA | | | | | | | |
| ORGANISM: Artificial Sequence | | | | | | | |
| FEATURE: | | | | | | | |
| OTHER INFORMATION: Description of Artificial Sequence: Synthetic | | | | | | | |
| OTHER INFORMATION: oligonucleotide | | | | | | | |
| US-10-661-099-23 | | | | | | | |
| Query Match | | | | | | | |
| Best Local Similarity | | | | | | | |
| 1.3%; Score 35; DB 1; Length 40; | | | | | | | |
| Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0; | | | | | | | |
| QY 2709 | | | | | | | |
| AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | | | | | | | |
| 2743 | | | | | | | |
| DB 40 | | | | | | | |
| AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | | | | | | | |
| 6 | | | | | | | |
| RESULT 32 | | | | | | | |
| US-10-661-355-20 | | | | | | | |
| Sequence 20, Application US/10661355 | | | | | | | |
| Publication No. US20040170959A1 | | | | | | | |
| GENERAL INFORMATION: | | | | | | | |
| APPLICANT: JUTEAU, JEAN-MARC | | | | | | | |
| TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV | | | | | | | |
| FILE REFERENCE: 029849/0203 | | | | | | | |
| CURRENT APPLICATION NUMBER: US/10/661,099 | | | | | | | |
| CURRENT FILING DATE: 2003-09-12 | | | | | | | |
| PRIOR APPLICATION NUMBER: PCT/IB03/04573 | | | | | | | |
| PRIOR FILING DATE: 2003-09-11 | | | | | | | |
| PRIOR APPLICATION NUMBER: 60/430,934 | | | | | | | |
| PRIOR FILING DATE: 2002-12-05 | | | | | | | |
| PRIOR APPLICATION NUMBER: 60/410,264 | | | | | | | |
| PRIOR FILING DATE: 2002-09-13 | | | | | | | |
| NUMBER OF SEQ ID NOS: 36 | | | | | | | |
| SOFTWARE: PatentIn Ver. 3.2 | | | | | | | |
| SEQ ID NO 20 | | | | | | | |
| LENGTH: 40 | | | | | | | |
| TYPE: DNA | | | | | | | |
| ORGANISM: Artificial Sequence | | | | | | | |
| FEATURE: | | | | | | | |
| OTHER INFORMATION: Description of Artificial Sequence: Synthetic | | | | | | | |
| OTHER INFORMATION: oligonucleotide | | | | | | | |
| US-10-661-099-20 | | | | | | | |
| Query Match | | | | | | | |
| Best Local Similarity | | | | | | | |
| 1.3%; Score 35; DB 1; Length 40; | | | | | | | |
| Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0; | | | | | | | |
| QY 2709 | | | | | | | |
| AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | | | | | | | |
| 2743 | | | | | | | |
| DB 1 | | | | | | | |
| AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | | | | | | | |
| 35 | | | | | | | |
| RESULT 30 | | | | | | | |
| US-10-661-099-23/c | | | | | | | |

US-10-661-355-23/c
; Sequence 23, Application US/10661355
; Publication No. US20040170959A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 029849/0208
; CURRENT APPLICATION NUMBER: US/10/661,355
; PRIOR FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 23
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-355-23

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

RESULT 33
US-10-661-402-20
; Sequence 20, Application US/10661402
; Publication No. US20050153912A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING VIRAL FAMILIES
; FILE REFERENCE: 029849/0207
; CURRENT APPLICATION NUMBER: US/10/661,402
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 20
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-402-20

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 35

RESULT 34
US-10-661-402-23/c
; Sequence 23, Application US/10661402
; Publication No. US20050153912A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING VIRAL FAMILIES
; FILE REFERENCE: 029849/0207
; CURRENT APPLICATION NUMBER: US/10/661,402
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 23
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-402-23

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

RESULT 35
US-10-661-403-20
; Sequence 20, Application US/10661403
; Publication No. US20050176661A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 029849/0202
; CURRENT APPLICATION NUMBER: US/10/661,403
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 20
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-403-20

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 35

```

RESULT 38
US-10-661-415-23/c
; Sequence 23, Application US/10661415
; Publication No. US20040229828A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING RSV
; FILE REFERENCE: 029849/0205
; CURRENT APPLICATION NUMBER: US/10/661.415
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 23
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-415-23

```

| | Query Match | 1.3% | Score 35; | DB 1; | Length 40; |
|----|-----------------------|----------------------------------|---------------|------------|------------|
| | Best Local Similarity | 100.0% | Pred. No. 20; | | |
| | Matches 35; | Conservative | 0; | Mismatches | 0; |
| | | | | Indels | Gaps |
| Qy | 2709 | AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | AAAAAAAA | 2743 | |
| ph | 40 | AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | AAAAAAAA | 6 | |

```

RESULT 39
US-10-728-707-1/c
; Sequence 1, Application US/10728707
; Publication No. US20040152113A1
; GENERAL INFORMATION:
;
; 1
; APPLICANT: Hiromitsu Takase, Tadaashi Okamoto, Toshiaki Aiba, Hiroaki
; TITLE OF INVENTION: Probe carrier and method for analyzing the pr
; FILE REFERENCE: CPO17348
; CURRENT APPLICATION NUMBER: US/10/728,707
; CURRENT FILING DATE: 2003-12-04
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 40.
; TYPE: DNA.
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: probe
; TS-10-728-707-1

```

[illegible]

RESULT 40
US-10-736-545-9/c
; Sequence 9, Application US/10736545
Publication No US20040132080A1

```

RESULT 36
US-10-661-403-23/c
; Sequence 23, Application US/10661403
; Publication No. US20050176661A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 029849/0202
; CURRENT APPLICATION NUMBER: US/10/661.403
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 23
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-403-23

```

```

Query Match      1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. NO. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

RESULT 37
US-10-661-415-20
; Sequence 20, Application US/10661415
; Publication No. US20040229828A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING RSV
; FILE REFERENCE: 029849/0205
; CURRENT APPLICATION NUMBER: US/10/661,415
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 20
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-415-20

```

| | Query Match | 1.3% | Score 35 | DB 1 | Length 40 |
|----|-----------------------|------------------------------------------|------------------|----------|-----------|
| | Best Local Similarity | 100.0% | Pred. No. 20 | | |
| | Matches 35 | Conservative 0 | Mismatches 0 | Indels 0 | Gaps 0 |
| QY | 2709 | AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | AAAAAAAAAAAAAAAA | 2743 | |
| th | 1 | AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | AAAAAAAAAAAAAAAA | 35 | |


```
; GENERAL INFORMATION:
; APPLICANT: Kawaguchi, Masahiro
; APPLICANT: Okamoto, Tadashi
; APPLICANT: Takase, Hiromitsu
; APPLICANT: Hashimoto, Hiroyuki
; TITLE OF INVENTION: DNA MICRO-ARRAY HAVING STANDARD PROBE AND KIT INCLUDING THE ARRAY
; FILE REFERENCE: 03500.017338
; CURRENT APPLICATION NUMBER: US/10/736,545
; CURRENT FILING DATE: 2003-12-17
; PRIOR APPLICATION NUMBER: PCT/JP03/07918
; PRIOR FILING DATE: 2003-06-23
; PRIOR APPLICATION NUMBER: JP 2002-183249
; PRIOR FILING DATE: 2002-06-24
; PRIOR APPLICATION NUMBER: JP 2002-191390
; PRIOR FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: probe
US-10-736-545-9

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

RESULT 41
US-10-744-730-1/c
; Sequence 1, Application US/10744730
; Publication No. US20040137491A1
; GENERAL INFORMATION:
; APPLICANT: Tadashi, OKAMOTO
; APPLICANT: Hiromitsu, TAKASE
; APPLICANT: Hiroyuki, HASHIMOTO
; TITLE OF INVENTION: METHOD OF ANALYZING PROBE CARRIER USING TIME-OF-FLIGHT SECONDARY
; FILE REFERENCE: CPO17354US
; CURRENT APPLICATION NUMBER: US/10/744,730
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: JP 2002-190010
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191391
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191414
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe Sequence for Hybridization Test
US-10-744-730-1

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

RESULT 42
US-10-744-730-1/c
; Sequence 1, Application US/10744730
; Publication No. US20040137491A1
; GENERAL INFORMATION:
; APPLICANT: Tadashi, OKAMOTO
; APPLICANT: Hiromitsu, TAKASE
; APPLICANT: Hiroyuki, HASHIMOTO
; TITLE OF INVENTION: METHOD OF ANALYZING PROBE CARRIER USING TIME-OF-FLIGHT SECONDARY
; FILE REFERENCE: CPO17354US
; CURRENT APPLICATION NUMBER: US/10/744,730
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: JP 2002-190010
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191391
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191414
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe Sequence for Hybridization Test
US-10-744-730-1

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6
```

```
US-10-744-730-10
; Sequence 10, Application US/10744730
; Publication No. US20040137491A1
; GENERAL INFORMATION:
; APPLICANT: Tadashi, OKAMOTO
; APPLICANT: Hiromitsu, TAKASE
; APPLICANT: Hiroyuki, HASHIMOTO
; TITLE OF INVENTION: METHOD OF ANALYZING PROBE CARRIER USING TIME-OF-FLIGHT SECONDARY
; FILE REFERENCE: CPO17354US
; CURRENT APPLICATION NUMBER: US/10/744,730
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: JP 2002-190010
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191391
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191414
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Sequence for Target Substance
; NAME/KEY: modified_base
; LOCATION: (1)..(5)_
; OTHER INFORMATION: bromated adenine
US-10-744-730-10

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 35

RESULT 43
US-10-744-730-2
; Sequence 2, Application US/10744730
; Publication No. US20040137491A1
; GENERAL INFORMATION:
; APPLICANT: Tadashi, OKAMOTO
; APPLICANT: Hiromitsu, TAKASE
; APPLICANT: Hiroyuki, HASHIMOTO
; TITLE OF INVENTION: METHOD OF ANALYZING PROBE CARRIER USING TIME-OF-FLIGHT SECONDARY
; FILE REFERENCE: CPO17354US
; CURRENT APPLICATION NUMBER: US/10/744,730
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: JP 2002-190010
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191391
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191414
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Sequence for Target Sequence
; NAME/KEY: modified_base
; LOCATION: (1)..(5)_
; OTHER INFORMATION: bromated adenine
US-10-744-730-2
```

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Tue Nov 7 10:41:37 2006

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; SEQ ID NO 9
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Sequence for Probe
;
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (35)..(39)
; OTHER INFORMATION: fluorinated uracil
;
US-10-744-730-9

Query Match      1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
    |||
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 35

RESULT 44
US-10-744-730-8/c
; Sequence 8, Application US/10744730
; Publication No. US20040137491A1
; GENERAL INFORMATION:
; APPLICANT: Tadashi, OKAMOTO
; APPLICANT: Hiromitsu, TAKASE
; APPLICANT: Hiroyuki, HASHIMOTO
; TITLE OF INVENTION: METHOD OF ANALYZING PROBE CARRIER USING TIME-OF-FLIGHT SECONDARY
; TITLE OF INVENTION: ION MASS SPECTROMETRY
; FILE REFERENCE: CF017354US
; CURRENT APPLICATION NUMBER: US/10/744,730
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: JP 2002-190010
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191391
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191414
; PRIOR FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Sequence for Probe
; NAME/KEY: modified base
; LOCATION: (36)..(40)
; OTHER INFORMATION: bromated uracil
;
US-10-744-730-8

Query Match      1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
    |||
Db 40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

RESULT 45
US-10-744-730-9/c
; Sequence 9, Application US/10744730
; Publication No. US20040137491A1
; GENERAL INFORMATION:
; APPLICANT: Tadashi, OKAMOTO
; APPLICANT: Hiromitsu, TAKASE
; APPLICANT: Hiroyuki, HASHIMOTO
; TITLE OF INVENTION: METHOD OF ANALYZING PROBE CARRIER USING TIME-OF-FLIGHT SECONDARY
; TITLE OF INVENTION: ION MASS SPECTROMETRY
; FILE REFERENCE: CF017354US
; CURRENT APPLICATION NUMBER: US/10/744,730
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: JP 2002-190010
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191391
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191414
; PRIOR FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
;
US-10-969-812A-19
; Sequence 19, Application US/10969812A
; Publication No. US20050196382A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, Andrew
; APPLICANT: JUTEAU, Jean-Marc
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING VIRAL FAMILIES
; FILE REFERENCE: 16051-11us
; CURRENT APPLICATION NUMBER: US/10/969,812A
; CURRENT FILING DATE: 2004-10-19
; PRIOR APPLICATION NUMBER: US10/661,402
; PRIOR FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: US 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: US 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
;
US-10-969-812A-19

Query Match      1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
    |||
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 35

RESULT 47
US-10-969-812A-22/c
; Sequence 22, Application US/10969812A
; Publication No. US20050196382A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, Andrew
; APPLICANT: JUTEAU, Jean-Marc
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING VIRAL FAMILIES
; FILE REFERENCE: 16051-11us
; CURRENT APPLICATION NUMBER: US/10/969,812A
; CURRENT FILING DATE: 2004-10-19
; PRIOR APPLICATION NUMBER: US10/661,402
; PRIOR FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
```

```

; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: US 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: US 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-969-812A-22

```

```

Query Match 1.3%; Score 35; DB 1; Length 40;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 40 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 6

```

RESULT 48

```

US-10-744-730-7/c
; Sequence 7, Application US/10744730
; Publication No. US20040137491A1
; GENERAL INFORMATION:
; APPLICANT: Tadaishi, OKAMOTO
; APPLICANT: Hiromitsu, TAKASE
; APPLICANT: Hiroyuki, HASHIMOTO

```

```

; TITLE OF INVENTION: METHOD OF ANALYZING PROBE CARRIER USING TIME-OF-FLIGHT SECONDARY
; FILE REFERENCE: CF017354US
; CURRENT APPLICATION NUMBER: US/10/744,730
; PRIOR FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: JP 2002-190010
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191391
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191414
; PRIOR FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7
; LENGTH: 41
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Sequence for Probe
; NAME/KEY: modified base
; LOCATION: (39)..(41)
; OTHER INFORMATION: bromated uracil
US-10-744-730-7

```

```

Query Match 1.3%; Score 35; DB 1; Length 41;
Best Local Similarity 100.0%; Pred. No. 20;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 41 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 7

```

RESULT 49

```

US-10-218-567-7/c
; Sequence 7, Application US/10218567
; Publication No. US20030108913A1
; GENERAL INFORMATION:
; APPLICANT: MRC Holland
; TITLE OF INVENTION: Multiplex Ligatable Probe Amplification

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; FILE REFERENCE: mlda
; CURRENT APPLICATION NUMBER: US/10/218,567
; CURRENT FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: EP00200506.4
; PRIOR FILING DATE: 2000-02-15
; NUMBER OF SEQ ID NOS: 113
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 43
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-10-218-567-7

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```

Query Match 1.3%; Score 35; DB 1; Length 43;
Best Local Similarity 100.0%; Pred. No. 19;
Matches 35; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 43 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 9

```

RESULT 50

```

US-09-828-034-2
; Sequence 2, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric

```

```

; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 36
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-2

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Query Match 1.2%; Score 34; DB 1; Length 36;
Best Local Similarity 100.0%; Pred. No. 26;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2742
Db 3 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 36

```

RESULT 51

```

US-09-764-891-10175
; Sequence 10175, Application US/09764891
; Publication No. US20030077808A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

```

```

; FILE REFERENCE: PC006
; CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10175
; LENGTH: 38
; TYPE: DNA

```

```
; ORGANISM: Homo sapiens
US-09-764-891-10175

Query Match      1.2%; Score 34; DB 1; Length 38;
Best Local Similarity 100.0%; Pred. No. 25;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2742
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 34

RESULT 52
US-10-450-761-4
; Sequence 4, Application US/10450761
; Publication No. US20040248098A1
; GENERAL INFORMATION:
; APPLICANT: Inoko, Hidetoshi et al.
; TITLE OF INVENTION: METHOD OF DETECTING POLYMORPHISMS IN DNA USING MASS SPECTROMETRY
; FILE REFERENCE: 532842000500
; CURRENT APPLICATION NUMBER: US/10/450,761
; CURRENT FILING DATE: 2003-06-12
; PRIOR APPLICATION NUMBER: PCT/JP01/10892
; PRIOR FILING DATE: 2001-12-12
; PRIOR APPLICATION NUMBER: JP 2000-378091
; PRIOR FILING DATE: 2000-12-12
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:an artificially
; OTHER INFORMATION: synthesized DNA sequence
US-10-450-761-4

Query Match      1.2%; Score 33.2; DB 1; Length 40;
Best Local Similarity 92.1%; Pred. No. 27;
Matches 35; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGTGACTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 3 TTTTITTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 40

RESULT 53
US-10-407-818-1/c
; Sequence 1, Application US/10407818
; Publication No. US20040198971A1
; GENERAL INFORMATION:
; APPLICANT: RABBANI, ELAZAR
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: DONEGAN, JAMES J.
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; THEREFOR
; FILE REFERENCE: EN2-65
; CURRENT APPLICATION NUMBER: US/10/407,818
; CURRENT FILING DATE: 2003-04-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Synthetic oligonucleotide
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-407-818-1

; ORGANISM: Homo sapiens
US-09-764-891-10175

Query Match      1.2%; Score 33; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 33;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2741
Db 33 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 54
US-09-828-034-3
; Sequence 3, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; APPLICANT: Ferrari, Eric
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 36
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-3

Query Match      1.2%; Score 33; DB 1; Length 36;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 33; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2741
Db 3 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 35

RESULT 55
US-10-219-195-29/c
; Sequence 29, Application US/10219195
; Publication No. US20030165917A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN
; APPLICANT: LIU, YEN PING
; TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
; FILE REFERENCE: 3817.05-1
; CURRENT APPLICATION NUMBER: US/10/219,195
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/312,505
; PRIOR FILING DATE: 2001-08-14
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-219-195-29

Query Match      1.2%; Score 32.4; DB 1; Length 39;
Best Local Similarity 97.1%; Pred. No. 32;
Matches 33; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2707 CTTAAAAAATAAAAAAAAAAAAAAAAAAAAAA 2740
Db 1 TTTTITTTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
```

```
Db 34 CTAAGAAAAA 1
RESULT 56
US-10-371-600-10/c
; Sequence 10, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-371-600-10
Query Match 1.2%; Score 32; DB 1; Length 32;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2740
Db 32 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
RESULT 57
US-10-371-600-2/c
; Sequence 2, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-371-600-2
Query Match 1.2%; Score 32; DB 1; Length 32;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2740
Db 32 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
RESULT 58
US-10-371-600-9
; Sequence 9, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-371-600-9
Query Match 1.2%; Score 32; DB 1; Length 32;
Best Local Similarity 100.0%; Pred. No. 40;
Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2740
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 32
RESULT 59
US-10-418-182-65/c
; Sequence 65, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-65
Query Match 1.2%; Score 31.8; DB 1; Length 36;
Best Local Similarity 94.3%; Pred. No. 38;
Matches 33; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2743
Db 36 AAAAAAAAAAAAAAAAAAGGAAAAAAAAAAAAAAAA 2
RESULT 60
US-10-219-195-49/c
; Sequence 49, Application US/10219195
; Publication No. US20030165917A1
; GENERAL INFORMATION:
; APPLICANT: ULLMAN, EDWIN
; APPLICANT: WU, MING
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Tue Nov 7 10:41:37 2006

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; APPLICANT: LIU, YEN PING
; TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
; FILE REFERENCE: 3817.05-1
; CURRENT APPLICATION NUMBER: US/10/219,195
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/312,505
; PRIOR FILING DATE: 2001-08-14
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 49
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-219-195-49

Query Match 1.2%; Score 31.6; DB 1; Length 39;
Best Local Similarity 89.5%; Pred. No. 37;
Matches 34; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2705 TACTAAAAA 1.2%; Score 31.6; DB 1; Length 39;
Db 38 TTCCAAGAGAAAAA 1

RESULT 61
US-10-219-195-28/c
; Sequence 28, Application US/10219195
; Publication No. US20030165917A1
; GENERAL INFORMATION:
; APPLICANT: ULLMAN, EDWIN
; APPLICANT: WU, MING
; TITLE OF INVENTION: ISOTHERMAL AMPLIFICATION IN NUCLEIC ACID ANALYSIS
; FILE REFERENCE: 3817.05-1
; CURRENT APPLICATION NUMBER: US/10/219,195
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/312,505
; PRIOR FILING DATE: 2001-08-14
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 39
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-219-195-28

Query Match 1.1%; Score 31.2; DB 1; Length 39;
Best Local Similarity 91.7%; Pred. No. 40;
Matches 33; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2707 CTAAAAA 1.1%; Score 31.2; DB 1; Length 39;
Db 36 CTCCAAGAAAAA 1

RESULT 62
US-10-519-122-56
; Sequence 56, Application US/10519122
; Publication No. US20060058252A1
; GENERAL INFORMATION:
; APPLICANT: Clawson, Gary A.
; APPLICANT: Fan, Wei-Hua
; APPLICANT: Thiboutot, Diane
; APPLICANT: Christensen, Neil
; TITLE OF INVENTION: METHODS AND MATERIALS FOR TREATING HUMAN
; TITLE OF INVENTION: PAPILLOMAVIRUS INFECTIONS
; FILE REFERENCE: 14017-008US1

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; CURRENT APPLICATION NUMBER: US/10/519,122
; CURRENT FILING DATE: 2004-12-22
; PRIOR APPLICATION NUMBER: PCT/US03/20340
; PRIOR FILING DATE: 2003-06-26
; PRIOR APPLICATION NUMBER: US 60/449,066
; PRIOR FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US 60/417,997
; PRIOR FILING DATE: 2002-10-14
; PRIOR APPLICATION NUMBER: US 60/391,795
; PRIOR FILING DATE: 2002-06-26
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 56
; LENGTH: 39
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 3' end flanking sequence
US-10-519-122-56

Query Match 1.1%; Score 31.2; DB 1; Length 39;
Best Local Similarity 88.9%; Pred. No. 40;
Matches 32; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2704 GTACTAAAAA 1.1%; Score 31.2; DB 1; Length 39;
Db 1 GAAUUCAAAAA 36

RESULT 63
US-10-848-922-98
; Sequence 98, Application US/10848922
; Publication No. US20040235138A1
; GENERAL INFORMATION:
; APPLICANT: Weisburg, William G.
; APPLICANT: Bungo, Jennifer J.
; TITLE OF INVENTION: Compositions, Methods and Kits for Determining the Presence of
; FILE REFERENCE: GP142-02.UT
; CURRENT APPLICATION NUMBER: US/10/848,922
; CURRENT FILING DATE: 2004-05-18
; PRIOR APPLICATION NUMBER: 60/472,028
; PRIOR FILING DATE: 2003-05-19
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 98
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Polynucleotide having a 3' poly (dA)30 tail and a 5' poly (dT)3
; OTHER INFORMATION: flexible linker for use in a capture probe
US-10-848-922-98

Query Match 1.1%; Score 31; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA 1.1%; Score 31; DB 1; Length 33;
Db 3 TAAAAA 33

RESULT 64
US-10-880-425A-41
; Sequence 41, Application US/10880425A
; Publication No. US2005016423A1
; GENERAL INFORMATION:
; APPLICANT: Schalken, Jack A.
; APPLICANT: Smit, Frank
; APPLICANT: Heesels, Daphne
; APPLICANT: Verhaegh, Gerald
; TITLE OF INVENTION: Specific Method of Prostate Cancer Detection Based on PCA3 Gene,

```

```
; TITLE OF INVENTION: and Kits Therefor
; FILE REFERENCE: 1619.0190000/JAG/CMB
; CURRENT APPLICATION NUMBER: US/10/880,425A
; CURRENT FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: CA 2,432,365
; PRIOR FILING DATE: 2003-06-30
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-10-880-425A-41
```

```
Query Match 1.1%; Score 31; DB 1; Length 33;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 3 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 33
```

```
RESULT 65
US-09-801-274-1193
; Sequence 1193, Application US/09801274
; Patent No. US20020032319A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2009-001
; CURRENT APPLICATION NUMBER: US/09/801,274
; CURRENT FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US 60/187,510
; PRIOR FILING DATE: 2000-03-07
; PRIOR APPLICATION NUMBER: US 60/206,129
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 1802
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1193
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-801-274-1193
```

```
Query Match 1.1%; Score 30.6; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 52;
Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 870 TCAGTAGATCATAGCAGTCGAGATCT 900
Db 1 TCAGTAGATCATAGCAGTCGAGATCT 31
```

```
RESULT 66
US-09-912-263-18
; Sequence 18, Application US/09912263
; Publication No. US20030039973A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2017-001
; CURRENT APPLICATION NUMBER: US/09/912,263
; CURRENT FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: US 60/220,315
; PRIOR FILING DATE: 2000-07-24
; NUMBER OF SEQ ID NOS: 552
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-912-263-18
```

```
Query Match 1.1%; Score 30.6; DB 1; Length 31;
Best Local Similarity 96.8%; Pred. No. 52;
Matches 30; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1457 GTGATCTCTGGGCATTTATATCTGGTCC 1487
Db 1 GTGATCTCTGGGCRTTTATATCTGGTCC 31
```

```
RESULT 67
US-10-108-969-8/c
; Sequence 8, Application US/10108969
; Publication No. US20030198959A1
; GENERAL INFORMATION:
; APPLICANT: Kurnit, David M.
; TITLE OF INVENTION: Methods and Compositions for Analysis of Urine Samples in the Di
; FILE REFERENCE: 65988-0001
; CURRENT APPLICATION NUMBER: US/10/108,969
; CURRENT FILING DATE: 2002-03-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human beta-actin reverse primer
US-10-108-969-8
```

```
Query Match 1.1%; Score 30.4; DB 1; Length 32;
Best Local Similarity 96.9%; Pred. No. 53;
Matches 31; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 32 CTTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 68
US-10-371-600-3/c
; Sequence 3, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-371-600-3
```

```
Query Match 1.1%; Score 30.4; DB 1; Length 32;
```

Tue Nov 7 10:41:37 2006

Best Local Similarity 96.9%; Pred. No. 53; Matches 31; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2739
Db 32 TCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 69

US-10-371-600-4/C
; Sequence 4, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; CURRENT APPLICATION NUMBER: US/10/371,600
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-371-600-4

Query Match 1.1%; Score 30.4; DB 1; Length 32;
Best Local Similarity 96.9%; Pred. No. 53; Matches 31; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2739
Db 32 TCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 70

US-09-880-727-10
; Sequence 10, Application US/09880727
; Publication No. US20030064364A1
; GENERAL INFORMATION:
; APPLICANT: Lockhart, David J.
; Chee, Mark
; Gunderson, Kevin
; Chaoqiang, Lai
; Wodicka, Lisa
; Cronin, Maureen T.
; Lee, Danny
; Tran, Huu M.
; Matsuzaki, Hajime
; McGall, Glenn H.
; TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Joe Liebeschuetz
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/880,727
FILING DATE: 13-Jun-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/882,649
FILING DATE: <Unknown>
APPLICATION NUMBER: US 60/035,170
FILING DATE: 09-JAN-1997
APPLICATION NUMBER: PCT/US97/01603
FILING DATE: 22-JAN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Liebeschuetz, Joe
REGISTRATION NUMBER: 37,505
REFERENCE/DOCKET NUMBER: 018547-019410US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 30 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: YES
FEATURES:
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-880-727-10

Query Match 1.1%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 59; Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 30

RESULT 71

US-10-042-193A-1/C
; Sequence 1, Application US/10042193A
; Publication No. US20020192670A1
; GENERAL INFORMATION:
; APPLICANT: TAKUNAGA, TAKUMI
; APPLICANT: ISHIGURO, TAKAHICO
; APPLICANT: HORIE, RYUICHI
; TITLE OF INVENTION: NOVEL FLOURESCEN DYE AND METHOD OF MEASURING NUCLEIC ACID
; FILE REFERENCE: 218077US0
; CURRENT APPLICATION NUMBER: US/10/042,193A
; CURRENT FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: JP 2001-003432
; PRIOR FILING DATE: 2001-01-11
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 30
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-10-042-193A-1

Query Match 1.1%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 59; Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 72

US-10-042-193A-2


```
; TITLE OF INVENTION: QUANTIFICATION OF NUCLEOTIDE SEQUENCES OF INTEREST
; FILE REFERENCE: 1330-03
; CURRENT APPLICATION NUMBER: US/10/472,055
; CURRENT FILING DATE: 2003-09-15
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-472-055-2

Query Match          1.1%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 59;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 30 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 77
US-10-961-341-10
; Sequence 10, Application US/10961341
; Publication No. US20050191646A1
; GENERAL INFORMATION:
; APPLICANT: Lockhart, David J.
; Chee, Mark
; Gunderson, Kevin
; Chaoqiang, Lai
; wodicka, Lisa
; Cronin, Maureen T.
; Lee, Danny
; Tran, Huu M.
; Matsuzaki, Hajime
; McCall, Glenn H.
; TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Joe Liebeschuetz
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/961,341
; FILING DATE: 07-Oct-2004
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/882,649
; FILING DATE: 25-Jun-1997
; APPLICATION NUMBER: US 60/010,471
; FILING DATE: 23-JAN-1996
; APPLICATION NUMBER: US 60/035,170
; FILING DATE: 09-JAN-1997
; APPLICATION NUMBER: PCT/US97/01603
; FILING DATE: 22-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-019410US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
```

```
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; FEATURES:
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-961-341-10

Query Match          1.1%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 59;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 30

RESULT 78
US-10-995-051-29
; Sequence 29, Application US/10995051
; Publication No. US20050250094A1
; GENERAL INFORMATION:
; APPLICANT: Storchhoff, James
; APPLICANT: Lucas, Adam
; APPLICANT: Muller, Uwe
; APPLICANT: Bao, Yijia P
; TITLE OF INVENTION: Method for Detecting Analytes Based on Evanescent Illumination
; FILE REFERENCE: MBHB-03-466-E
; CURRENT APPLICATION NUMBER: US/10/995,051
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: 10/854,848
; PRIOR FILING DATE: 2004-05-27
; PRIOR APPLICATION NUMBER: 60/474,569
; PRIOR FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: 60/499,034
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: 60/517,450
; PRIOR FILING DATE: 2003-11-04
; PRIOR APPLICATION NUMBER: 60/567,874
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 29
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe 1 for the mecA gene
US-10-995-051-29

Query Match          1.1%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 59;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 30

RESULT 79
US-11-021-367-10
; Sequence 10, Application US/11021367
; Publication No. US20050158772A1
; GENERAL INFORMATION:
; APPLICANT: Lockhart, David J.
; Chee, Mark
; Gunderson, Kevin
; Chaoqiang, Lai
```

```
; Wodicka, Lisa
; Cronin, Maureen T.
; Lee, Danny
; Tran, Huu M.
; Matsuzaki, Hajime
; McGall, Glenn H.
; TITLE OF INVENTION: NUCLEIC ACID ANALYSIS TECHNIQUES
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Joe Liebeschuetz
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/021,367
; FILING DATE: 23-Dec-2004
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/882,649
; FILING DATE: 25-Jun-1997
; APPLICATION NUMBER: US 60/010,471
; FILING DATE: 23-JAN-1996
; APPLICATION NUMBER: US 60/035,170
; FILING DATE: 09-JAN-1997
; APPLICATION NUMBER: PCT/US97/01603
; FILING DATE: 22-JAN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Liebeschuetz, Joe
; REGISTRATION NUMBER: 37,505
; REFERENCE/DOCKET NUMBER: 018547-019410US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: YES
; SEQUENCE DESCRIPTION: (ix) Features:
;
; _11-021-367-10
;
; Query Match 1.1%; Score 30; DB 1; Length 30;
; Best Local Similarity 100.0%; Pred. No. 59;
; Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 30

RESULT 80
US-10-407-818-2/c
; Sequence 2, Application US/10407818
; Publication No. US20040198971A1
; GENERAL INFORMATION:
; APPLICANT: RABBANI, ELAZAR
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: DONEGAN, JAMES J.
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; FILE REFERENCE: EN2-65
; CURRENT APPLICATION NUMBER: US/10/407,818
; CURRENT FILING DATE: 2003-04-03
```

```
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Synthetic oligonucleotide
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; OTHER INFORMATION: 3'-amidated
; US-10-407-818-2
;
; Query Match 1.1%; Score 29; DB 1; Length 29;
; Best Local Similarity 100.0%; Pred. No. 72;
; Matches 29; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2737
Db 29 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 81
US-09-263-959-825/c
; Sequence 825, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMahsters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 825:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 33 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-263-959-825
;
; Query Match 1.0%; Score 28.8; DB 1; Length 33;
; Best Local Similarity 93.8%; Pred. No. 68;
; Matches 30; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2740
Db 32 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 86
US-09-888-326-842/c
; Sequence 842, Application US/09888326

```

RESULT 84
US-10-995-051-2
; Sequence 2, Application US/10995051
; Publication No. US2005025094A1
; GENERAL INFORMATION:
; APPLICANT: Storhoff, James
; APPLICANT: Lucas, Adam

```

```

; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 842
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-842

Query Match 1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 87
US-10-017-995-911/c
; Sequence 911, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 911
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-911

Query Match 1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 88
US-10-112-653-880/c
; Sequence 880, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: ENZ-65
; CURRENT APPLICATION NUMBER: US/10/407,818
US-10-407-818-3/c
; Sequence 3, Application US/10407818
; Publication No. US20040198971A1
; GENERAL INFORMATION:
; APPLICANT: RABBANI, ELAZAR
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: DONEGAN, JAMES J.
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: ENZ-65
; CURRENT APPLICATION NUMBER: US/10/407,818
US-10-314-578-911/c
; Sequence 911, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 911
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-911

Query Match 1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 90
US-10-407-818-3/c
; Sequence 3, Application US/10407818
; Publication No. US20040198971A1
; GENERAL INFORMATION:
; APPLICANT: RABBANI, ELAZAR
; APPLICANT: STAVRIANOPOULOS, JANNIS G.
; APPLICANT: DONEGAN, JAMES J.
; TITLE OF INVENTION: MULTISIGNAL LABELING REAGENTS, AND PROCESSES AND USES
; TITLE OF INVENTION: THEREFOR
; FILE REFERENCE: ENZ-65
; CURRENT APPLICATION NUMBER: US/10/407,818
US-10-314-578-911

```

; CURRENT FILING DATE: 2003-04-03
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:
; OTHER INFORMATION: Synthetic oligonucleotide
; OTHER INFORMATION: oligonucleotide
US-10-407-818-3

Query Match 1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
DB 27 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 91
US-10-831-778-911/c
; Sequence 911, Application US/10831778
; Publication No. US20040235774A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/831,778
; CURRENT FILING DATE: 2004-04-23
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 911
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-831-778-911

Query Match 1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
DB 27 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 92
US-11-127-654-880/c
; Sequence 880, Application US/11127654
; Publication No. US20050250726A1
; GENERAL INFORMATION:
; APPLICANT: Berg, Daniel J.
; APPLICANT: Kriegl, Arthur M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC
; TITLE OF INVENTION: INFLAMMATORY DISEASES
; FILE REFERENCE: C1039.70060US01
; CURRENT APPLICATION NUMBER: US/11/127,654
; CURRENT FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: US 10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642

; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 880
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-127-654-880

Query Match 1.0%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.1e+02;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
DB 27 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 93
US-09-282-734-3
; Sequence 3, Application US/09282734A
; Publication No. US20020182597A1
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis et al.
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
; FILE REFERENCE: 50036/009002
; CURRENT APPLICATION NUMBER: US/09/282,734A
; CURRENT FILING DATE: 1999-03-03
; EARLIER APPLICATION NUMBER: 60/080,686
; EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide used for attaching puromycin
US-09-282-734-3

Query Match 1.0%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
DB 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

RESULT 94
US-09-876-235-8
; Sequence 8, Application US/09876235
; Publication No. US20030022236A1
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; TITLE OF INVENTION: FUSIONS
; FILE REFERENCE: 00786/350005
; CURRENT APPLICATION NUMBER: US/09/876,235
; CURRENT FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/247,190
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-01-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38

```
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-09-876-235-8

Query Match      1.0%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

RESULT 95
US-10-057-783A-41
; Sequence 41, Application US/10057783A
; Publication No. US20040091955A1
; GENERAL INFORMATION:
; APPLICANT: Forster, Anthony C.
; TITLE OF INVENTION: Process and compositions for peptide, protein and
; FILE REFERENCE: 1
; CURRENT APPLICATION NUMBER: US/10/057,783A
; CURRENT FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: FROM SYNTHETIC
US-10-057-783A-41

Query Match      1.0%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

RESULT 96
US-10-348-627-3
; Sequence 3, Application US/10348627
; Publication No. US20030143616A1
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis et al.
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
; FILE REFERENCE: 50036/009002
; CURRENT APPLICATION NUMBER: US/10/348,627
; CURRENT FILING DATE: 2003-01-22
; PRIOR APPLICATION NUMBER: US/09/282,734A
; PRIOR FILING DATE: 1999-03-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/080,686
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide used for attaching puromycin
US-10-348-627-3
```

```
Query Match      1.0%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

RESULT 97
US-10-764-799-8
; Sequence 8, Application US/10764799
; Publication No. US20040253612A1
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihe
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350005
; CURRENT APPLICATION NUMBER: US/10/764,799
; CURRENT FILING DATE: 2004-01-26
; PRIOR APPLICATION NUMBER: US/09/247,190
; PRIOR FILING DATE: 1999-02-09
; PRIOR APPLICATION NUMBER: 60/035,963
; PRIOR FILING DATE: 1997-01-21
; PRIOR APPLICATION NUMBER: 60/064,491
; PRIOR FILING DATE: 1997-11-06
; PRIOR APPLICATION NUMBER: 09/007,005
; PRIOR FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
US-10-764-799-8

Query Match      1.0%; Score 27; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 27

RESULT 98
US-10-217-914-4
; Sequence 4, Application US/10217914
; Publication No. US2003003160A1
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis
; TITLE OF INVENTION: METHODS FOR CODING AND SORTING IN VITRO
; FILE REFERENCE: 50036/032002
; CURRENT APPLICATION NUMBER: US/10/217,914
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 09/648,040
; PRIOR FILING DATE: 2000-08-25
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Encoding molecule
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
```

Tue Nov 7 10:41:37 2006

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; OTHER INFORMATION: n at position 10 can be a, t, c, or g.
US-10-217-914-4
Query Match 1.0%; Score 27; DB 1; Length 30;
Best Local Similarity 96.4%; Pred. No. 1e+02;
Matches 27; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2736
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 99
US-09-971-353-24
; Sequence 24, Application US/09971353
; Publication No. US20030113723A1
; GENERAL INFORMATION:
; APPLICANT: Bapat, Bharati
; APPLICANT: Rose, Melanie Anne
; TITLE OF INVENTION: METHOD FOR EVALUATING MICROSATELLITE INSTABILITY IN A TUMOR SAMPL
; FILE REFERENCE: 11757-54USU1
; CURRENT APPLICATION NUMBER: US/09/971,353
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: US 60/237,884
; PRIOR FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-971-353-24
Query Match 1.0%; Score 27; DB 1; Length 31;
Best Local Similarity 100.0%; Pred. No. 98;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2734
Db 5 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 31

RESULT 100
US-10-611-629-3
; Sequence 3, Application US/10611629
; Publication No. US20040091905A1
; GENERAL INFORMATION:
; APPLICANT: GUO, BAOHUAN
; TITLE OF INVENTION: METHOD FOR DETECTING MUTATED POLYNUCLEOTIDES WITHIN A
; FILE REFERENCE: 27433/04012
; CURRENT APPLICATION NUMBER: US/10/611,629
; CURRENT FILING DATE: 2003-07-01
; PRIOR APPLICATION NUMBER: 60/392,251
; PRIOR FILING DATE: 2002-07-01
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn ver. 3.2
; SEQ ID NO 3
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-611-629-3
Query Match 1.0%; Score 27; DB 1; Length 32;
Best Local Similarity 100.0%; Pred. No. 95;
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2734
Db 3 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 29

RESULT 101
US-09-874-991C-7
; Sequence 7, Application US/09874991C
; Publication No. US20040052763A1
; GENERAL INFORMATION:
; APPLICANT: MOND, JAMES J.
; APPLICANT: FLORA, MICHAEL
; APPLICANT: KLINMAN, DENNIS M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY RNA/DNA HYBRID MOLECULES
; FILE REFERENCE: 07787.0042-0
; CURRENT APPLICATION NUMBER: US/09/874,991C
; CURRENT FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: 60/209,797
; PRIOR FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 620
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: DNA/RNA oligonucleotide
US-09-874-991C-7
Query Match 1.0%; Score 26.8; DB 1; Length 30;
Best Local Similarity 93.3%; Pred. No. 1e+02;
Matches 28; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 1 AAAAAAAAAAAAAAAAAACGAAAAAAAAAAAA 30

RESULT 102
US-10-849-491-1
; Sequence 1, Application US/10849491
; Publication No. US20050055167A1
; GENERAL INFORMATION:
; APPLICANT: BHARADWAJ, LALIT M.
; APPLICANT: SHUKLA, ANDESH KUMAR M.
; APPLICANT: BHONDEKAR, AMOL P.
; APPLICANT: KUMAR, RAKESH P.
; APPLICANT: BAJPAL, RAM PRAKASH
; TITLE OF INVENTION: DNA BASED NUMBER SYSTEM AND ARITHMETIC
; FILE REFERENCE: U 0152019
; CURRENT APPLICATION NUMBER: US/10/849,491
; CURRENT FILING DATE: 2004-05-19
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: DNA bases used to represent integers in DNA based number system
US-10-849-491-1
Query Match 1.0%; Score 26.8; DB 1; Length 31;
Best Local Similarity 93.3%; Pred. No. 1e+02;
Matches 28; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2738
Db 1 AAAAAAAAAAAAAAAAAACGAAAAAAAAAAAA 30

RESULT 103
US-10-102-720-18/c
; Sequence 18, Application US/10102720
; Publication No. US20030152937A1
```



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; GENERAL INFORMATION:
; APPLICANT: Weindel, Kurt
; APPLICANT: Brand, Joachim
; TITLE OF INVENTION: DNA DETECTION BY MEANS OF A STRAND REASSOCIATION COMPLEX
; FILE REFERENCE: 101614-00014
; CURRENT APPLICATION NUMBER: US/10/102,720
; CURRENT FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: 09/325,554
; PRIOR FILING DATE: 1999-06-04
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patent-In version 3.1
; SEQ ID NO 18
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; FEATURE:
; NAME/KEY: misc signal
; LOCATION: (27)..(27)
; OTHER INFORMATION: Y means incorporation of Aminolinker-phosphoramidite subsequently
; OTHER INFORMATION: esterified with 3-O carboxymethyl digoxigenin
US-10-102-720-18

Query Match          1.0%; Score 26.6; DB 1; Length 27;
Best Local Similarity 96.3%; Pred. No. 1.2e+02;
Matches 26; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2735
Db 27 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 104
US-10-933-118-136/c
; Sequence 136, Application US/10933118
; Publication No. US20050142580A1
; GENERAL INFORMATION:
; APPLICANT: Kuie, Tay Sun
; APPLICANT: Weiping, Hu
; TITLE OF INVENTION: Methods and Probes for Diagnosing a Gynaecological Condition
; FILE REFERENCE: POF3AUSA
; CURRENT APPLICATION NUMBER: US/10/933,118
; CURRENT FILING DATE: 2004-09-02
; PRIOR APPLICATION NUMBER: US 60/500,072
; PRIOR FILING DATE: 2003-09-03
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 136
; LENGTH: 31
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic per primer
US-10-933-118-136

Query Match          1.0%; Score 26.2; DB 1; Length 31;
Best Local Similarity 96.3%; Pred. No. 1.1e+02;
Matches 26; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2734
Db 31 BAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 5

RESULT 105
US-09-920-342-3/c
; Sequence 3, Application US/09920342
; Patent No. US20020137709A1
; GENERAL INFORMATION:
; APPLICANT: University of Southern California
; APPLICANT: Lin, Shi-Lung
; APPLICANT: Chuong, Cheng-Ming
; APPLICANT: Wideltz, Randall B.
; TITLE OF INVENTION: GENE SILENCING USING MRNA-CDNA HYBRIDS
```

```
; FILE REFERENCE: 13761-7024
; CURRENT APPLICATION NUMBER: US/09/920,342
; CURRENT FILING DATE: 2002-01-17
; PRIOR APPLICATION NUMBER: US 60/222,479
; PRIOR FILING DATE: 2000-08-02
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Poly(dT)-26mer primer
US-09-920-342-3

Query Match          0.9%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2734
Db 26 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 106
US-09-922-469-7/c
; Sequence 7, Application US/09922469
; Patent No. US20020173027A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/922,469
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-922-469-7

Query Match          0.9%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 26 TAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 107
US-09-922-480-7/c
; Sequence 7, Application US/09922480
; Patent No. US20020081701A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/922,480
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
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; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-922-480-7

Query Match          0.9%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA 2733
| 26 TAAAAA 1

Db 26 TAAAAA 1

RESULT 108
US-09-923-236-7/c
; Sequence 7, Application US/09923236
; Patent No. US20020090677A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/09/923,236
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 7
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-923-236-7

Query Match          0.9%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA 2733
| 26 TAAAAA 1

Db 26 TAAAAA 1

RESULT 109
US-09-923-246-38/c
; Sequence 38, Application US/09923246
; Patent No. US20020128446A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115

; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764a
US-09-922-480-7

Query Match          0.9%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA 2733
| 26 TAAAAA 1

Db 26 TAAAAA 1

RESULT 110
US-09-949-305B-4/c
; Sequence 4, Application US/09949305B
; Publication No. US20030022318A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Shao-Yao
; APPLICANT: Lin, Shi-Lung
; TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
; FILE REFERENCE: 266/014
; CURRENT APPLICATION NUMBER: US/09/949,305B
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/494,212
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 26
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: poly(dT) primer
US-09-949-305B-4

Query Match          0.9%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA 2734
| 26 AAAAAA 1

Db 26 AAAAAA 1

RESULT 111
US-10-053-883-53/c
; Sequence 53, Application US/10053883
; Publication No. US20030113737A1
; GENERAL INFORMATION:
; APPLICANT: PEDERSEN, Morten Lorentz
; TITLE OF INVENTION: ASSAY AND KIT FOR ANALYZING GENE EXPRESSION
; FILE REFERENCE: PEDERSEN-1A
; CURRENT APPLICATION NUMBER: US/10/053,883
; CURRENT FILING DATE: 2002-01-02
; PRIOR APPLICATION NUMBER: PA 2001 00126
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: US 60/267,704
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 53
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
```


[illegible]


```
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;
; OTHER INFORMATION: oligonucleotide
US-10-224-289-20

Query Match          0.9%; Score 25.2; DB 1; Length 26;
Best Local Similarity 96.2%; Pred. No. 1.5e+02;
Matches 25; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA-289-20
Db 26 BAAAAA-289-20

RESULT 126
US-10-352-253A-36/c
; Sequence 36, Application US/10352253A
; Publication No. US20030175908A1
; GENERAL INFORMATION:
; APPLICANT: Linnarsson, Sten
; APPLICANT: Enfors, Patrik
; APPLICANT: Bauren, Goran
; APPLICANT: Metsis, Ato
; APPLICANT: Pinlak, Arno
; APPLICANT: Montellius, Andreas
; TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid
; FILE REFERENCE: 620-234
; CURRENT APPLICATION NUMBER: US/10/352,253A
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,215
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)
; OTHER INFORMATION: v is a, c or g
US-10-352-253A-36

Query Match          0.9%; Score 25.2; DB 1; Length 26;
Best Local Similarity 96.2%; Pred. No. 1.5e+02;
Matches 25; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA-253A-36
Db 26 BAAAAA-253A-36

RESULT 127
US-10-969-164-6/c
; Sequence 6, Application US/10969164
; Publication No. US20050065322A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Adler, David A.
; TITLE OF INVENTION: SECRETED SALIVARY ZSIG63 POLYPEPTIDE
; FILE REFERENCE: 97-71
; CURRENT APPLICATION NUMBER: US/10/969,164
; CURRENT FILING DATE: 2004-10-20
; PRIOR APPLICATION NUMBER: US/09/527,345
; PRIOR FILING DATE: 1999-03-17
; PRIOR APPLICATION NUMBER: US 60/124,820
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 26
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7231
US-10-969-164-6

Query Match          0.9%; Score 25.2; DB 1; Length 26;
Best Local Similarity 96.2%; Pred. No. 1.5e+02;
Matches 25; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAA 0.9%; Score 25.2; DB 1; Length 26;
Db 26 BAAAAA 0.9%; Score 25.2; DB 1; Length 26;

RESULT 128
US-09-859-012-37/c
; Sequence 37, Application US/09859012
; Publication No. US20040253632A1
; GENERAL INFORMATION:
; APPLICANT: RHODE, PETER
; APPLICANT: WITTMAN, VAUGHAN
; APPLICANT: WEIDANZ, JON A.
; APPLICANT: BURKHARDT, MARTIN
; APPLICANT: CARD, KIMBERLYN F.
; APPLICANT: TAL, RONY
; APPLICANT: ACEVEDO, JORGE
; APPLICANT: WONG, HING C.
; TITLE OF INVENTION: MODULATION OF T CELL RECEPTOR INTERACTIONS
; FILE REFERENCE: 49444 (71758)
; CURRENT APPLICATION NUMBER: US/09/859,012
; CURRENT FILING DATE: 2001-05-16
; PRIOR APPLICATION NUMBER: 60/206,920
; PRIOR FILING DATE: 2000-05-25
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (27)
; OTHER INFORMATION: A, C, G, or T
US-09-859-012-37

Query Match          0.9%; Score 25.2; DB 1; Length 27;
Best Local Similarity 96.2%; Pred. No. 1.5e+02;
Matches 25; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAA 0.9%; Score 25.2; DB 1; Length 27;
Db 26 BAAAAA 0.9%; Score 25.2; DB 1; Length 27;

RESULT 129
US-10-071-214-42/c
; Sequence 42, Application US/10071214
; Publication No. US20030066099A1
; GENERAL INFORMATION:
; APPLICANT: HANSSON, Lennart
; APPLICANT: EGELRUD, Torbjorn
; TITLE OF INVENTION: SCCE MODIFIED TRANSGENIC MAMMALS AND THEIR USE AS MODELS OF HUMAN
; FILE REFERENCE: HANSSON-3A
; CURRENT APPLICATION NUMBER: US/10/071,214
; CURRENT FILING DATE: 2002-02-11
; PRIOR APPLICATION NUMBER: US 60/267,422
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: DK PA 2001 00218
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
US-10-071-214-42

; SEQ ID NO 42
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 5'-RACE cDNA synthesis primer
; NAME/KEY: misc feature
; LOCATION: (27)..(27)
; OTHER INFORMATION: n is a or g or c or t
US-10-071-214-42

Query Match          0.9%; Score 25.2; DB 1; Length 27;
Best Local Similarity 96.2%; Pred. No. 1.5e+02;
Matches 25; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAA 0.9%; Score 25.2; DB 1; Length 27;
Db 26 BAAAAA 0.9%; Score 25.2; DB 1; Length 27;

RESULT 130
US-10-838-122-51/c
; Sequence 51, Application US/10838122
; Publication No. US20050064554A1
; GENERAL INFORMATION:
; APPLICANT: FISHER, LAURENT BERNARD
; APPLICANT: CACHET, NATHALIE MICHELE
; APPLICANT: BARZU-LE-ROUX, SIMONA
; TITLE OF INVENTION: CANINE GHRH GENE, POLYPEPTIDES AND METHODS OF USE
; FILE REFERENCE: MER 03-007
; CURRENT APPLICATION NUMBER: US/10/838,122
; CURRENT FILING DATE: 2004-05-03
; PRIOR APPLICATION NUMBER: 60/467,405
; PRIOR FILING DATE: 2003-05-01
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 51
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (27)
; OTHER INFORMATION: a, t, c or g
US-10-838-122-51

Query Match          0.9%; Score 25.2; DB 1; Length 27;
Best Local Similarity 96.2%; Pred. No. 1.5e+02;
Matches 25; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAA 0.9%; Score 25.2; DB 1; Length 27;
Db 26 BAAAAA 0.9%; Score 25.2; DB 1; Length 27;

RESULT 131
US-11-015-461-51/c
; Sequence 51, Application US/11015461
; Publication No. US20050164946A1
; GENERAL INFORMATION:
; APPLICANT: FISHER, LAURENT BERNARD
; APPLICANT: CACHET, NATHALIE MICHELE
; APPLICANT: BARZU-LE-ROUX, SIMONA
; TITLE OF INVENTION: CANINE GHRH GENE, POLYPEPTIDES AND METHODS OF USE
; FILE REFERENCE: MER 03-007
; CURRENT APPLICATION NUMBER: US/11/015,461
; CURRENT FILING DATE: 2004-12-17
; PRIOR APPLICATION NUMBER: 60/467,405
; PRIOR FILING DATE: 2003-05-01
US-11-015-461-51
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; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 51
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (27)
; OTHER INFORMATION: a, t, c or g
US-11-015-461-51

Query Match          0.9%; Score 25.2; DB 1; Length 27;
Best Local Similarity 96.2%; Pred. No. 1.5e+02;
Matches 25; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA...AAAAAAAAAAAAAAAAAAAA 2733
Db 26 BAAAAA...AAAAAAAAAAAAAAAAAAAA 1

RESULT 132
US-09-730-478A-8/c
; Sequence 23, Application US/09282734A
; Publication No. US20020182597A1
; GENERAL INFORMATION:
; APPLICANT: ROBERT G. KUIMELIS et al.
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
; FILE REFERENCE: 50036/009002
; CURRENT APPLICATION NUMBER: US/09/282,734A
; CURRENT FILING DATE: 1999-03-03
; EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Capture probe sequence
US-09-282-734-23

Query Match          0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA...AAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAA...AAAAAAAAAAAAAAAAAAAA 1

RESULT 133
US-09-730-478A-8/c
; Sequence 8, Application US/09730478A
; Publication No. US20040172685A1
; GENERAL INFORMATION:
; APPLICANT: MUNDY, JOHN
; APPLICANT: JENSEN, ANDERS BOEGH
; APPLICANT: PETERSEN, MORTEN
; APPLICANT: NAESTVED, HENRIK
; APPLICANT: BRODERSEN, PETER
; TITLE OF INVENTION: METHOD OF USING ARABIDOPSIS MAPK4 AND ORTHOLOGUES THEREOF TO
; TITLE OF INVENTION: METHOD OF CONTROL PLANT DISEASE AND PLANT SIZE
; FILE REFERENCE: 030307/0193
; CURRENT APPLICATION NUMBER: US/09/730,478A
; CURRENT FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PCT/DK00/00674
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: PA 1999 01746

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; PRIOR FILING DATE: 1999-12-06
; PRIOR APPLICATION NUMBER: 60/169,614
; PRIOR FILING DATE: 1999-12-08
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-730-478A-8

Query Match          0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA...AAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAA...AAAAAAAAAAAAAAAAAAAA 1

RESULT 134
US-10-224-289-11/c
; Sequence 11, Application US/10224289
; Publication No. US20030207288A1
; GENERAL INFORMATION:
; APPLICANT: STEWART, TIMOTHY A.
; TITLE OF INVENTION: GPCR-LIKE RETINOIC ACID-INDUCED GENE 1 PROTEIN AND
; FILE REFERENCE: 9800081-0085
; CURRENT APPLICATION NUMBER: US/10/224,289
; CURRENT FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: 60/313,940
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-224-289-11

Query Match          0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAA...AAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAA...AAAAAAAAAAAAAAAAAAAA 1

RESULT 135
US-10-239-655A-9/c
; Sequence 9, Application US/10239655A
; Publication No. US20040048816A1
; GENERAL INFORMATION:
; APPLICANT: ZOHANHOEFER, DIETLIND
; APPLICANT: BAUERLE, PATRICK
; APPLICANT: KLEIN, CHRISTOPH
; APPLICANT: NEUMANN, FRANZ-JOSEF
; TITLE OF INVENTION: RESTENOSIS TREATMENT
; FILE REFERENCE: 029976/0103
; CURRENT APPLICATION NUMBER: US/10/239,655A
; CURRENT FILING DATE: 2003-02-02
; PRIOR APPLICATION NUMBER: PCT/EP01/03312
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00106468.2
; PRIOR FILING DATE: 2000-03-24

```


; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-239-655A-9

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
|
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 136

US-10-348-627-23/c
; Sequence 23, Application US/10348627
; Publication No. US20030143616A1
; GENERAL INFORMATION:
; APPLICANT: Robert G. Kuimelis et al.
; TITLE OF INVENTION: ADDRESSABLE PROTEIN ARRAYS
; FILE REFERENCE: 50036/009002
; CURRENT APPLICATION NUMBER: US/10/348,627
; CURRENT FILING DATE: 2003-01-22
; PRIOR APPLICATION NUMBER: US/09/282,734A
; PRIOR FILING DATE: 1999-03-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/080,686
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-03
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 23
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Capture probe sequence
US-10-348-627-23

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
|
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 137

US-10-510-871-792/c
; Sequence 792, Application US/10510871
; Publication No. US20050221290A1
; GENERAL INFORMATION:
; APPLICANT: INZE, DIRK
; APPLICANT: BROEKERT, WILLEM
; TITLE OF INVENTION: IDENTIFICATION AND VALIDATION OF NOVEL TARGETS FOR AGROCHEMICALS
; FILE REFERENCE: 4559-045163
; CURRENT APPLICATION NUMBER: US/10/510,871
; CURRENT FILING DATE: 2004-10-08
; PRIOR APPLICATION NUMBER: PCT/EP03/03703
; PRIOR FILING DATE: 2003-04-08
; PRIOR APPLICATION NUMBER: EP 02447062.7
; PRIOR FILING DATE: 2002-04-10
; PRIOR APPLICATION NUMBER: US 60/396,124
; PRIOR FILING DATE: 2002-08-01
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 792
; LENGTH: 25

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic polynucleotide sequence
US-10-510-871-792

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
|
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 138

US-10-956-157-24457
; Sequence 24457, Application US/10956157
; Publication No. US20050118625A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; TITLE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
; FILE REFERENCE: 031896-043000 (AM 101081)
; CURRENT APPLICATION NUMBER: US/10/956,157
; CURRENT FILING DATE: 2004-10-04
; NUMBER OF SEQ ID NOS: 319805
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 24457
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Probe Sequence
US-10-956-157-24457

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2286 AACACGATAATGAAGGTTCTGGAAG 2310
|
Db 1 AACACGATAATGAAGGTTCTGGAAG 25

RESULT 139

US-10-958-348-3
; Sequence 3, Application US/10958348
; Publication No. US20050158738A1
; GENERAL INFORMATION:
; APPLICANT: Okamura, Nobuyuki
; APPLICANT: Kamamoto, Tadashi
; APPLICANT: Kameyama, Makoto
; TITLE OF INVENTION: Probe Carrier, Probe Fixing Carrier and Method of Manufacturing
; FILE REFERENCE: 03500.016371.1
; CURRENT APPLICATION NUMBER: US/10/958,348
; CURRENT FILING DATE: 2004-10-06
; PRIOR APPLICATION NUMBER: US 10/133,675
; PRIOR FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: JP 2001-133698
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: JP 2001-133697
; PRIOR FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Target sequence to be hybridized with a probe sequence
US-10-958-348-3

Query Match 0.9%; Score 25; DB 1; Length 25;

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```
Best Local Similarity 100.0%; Pred. No. 1.6e+02; Indels 0; Gaps 0;
Matches 25; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
    |||
    1 AAAAAAAAAAAAAAAAAAAAAAAAAA 25

RESULT 140
US-10-958-348-4/c
; Sequence 4, Application US/10958348
; Publication No. US20050158738A1
; GENERAL INFORMATION:
; APPLICANT: Okamoto, Nobuyuki
; APPLICANT: Kameyama, Makoto
; TITLE OF INVENTION: Probe Carrier, Probe Fixing Carrier and Method of Manufacturing
; FILE REFERENCE: 03500.016371.1
; CURRENT FILING DATE: 2004-10-06
; PRIOR FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: JP 2001-133698
; PRIOR FILING DATE: 2001-04-27
; PRIOR APPLICATION NUMBER: JP 2001-133697
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence to be hybridized with a target sequence
US-10-958-348-4

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
    |||
    25 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 141
US-11-036-317-781191
; Sequence 781191, Application US/11036317
; Publication No. US20050214823A1
; GENERAL INFORMATION:
; APPLICANT: Williams, Alan
; APPLICANT: Blume, John
; TITLE OF INVENTION: Method of Analysis of Alternative Splicing in Mouse
; FILE REFERENCE: 3654.1
; CURRENT APPLICATION NUMBER: US/11/036,317
; CURRENT FILING DATE: 2005-01-13
; PRIOR APPLICATION NUMBER: US 60/536,639
; PRIOR FILING DATE: 2004-01-13
; NUMBER OF SEQ ID NOS: 911174
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 781191
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-11-036-317-781191

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1522 TCGGAAACAAATGACCACTGAA 1546
    |||
    1 TCGGAAACAAATGACCACTGAA 25
```

```
RESULT 142
US-11-060-756-74533
; Sequence 74533, Application US/11060756
; Publication No. US20050221354A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William Martin
; TITLE OF INVENTION: Nucleic Acid Arrays for Monitoring Expression Profiles of Drug
; FILE REFERENCE: AM101083 (031896-042000)
; CURRENT APPLICATION NUMBER: US/11/060,756
; CURRENT FILING DATE: 2005-02-18
; NUMBER OF SEQ ID NOS: 303284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74533
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Probe
US-11-060-756-74533

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2240 GTTTACCCACCAGATTACAATCTG 2264
    |||
    1 GTTTACCCACCAGATTACAATCTG 25

RESULT 143
US-11-121-849-127953
; Sequence 127953, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: John Palma
; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded S
; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121,849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 127953
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-127953

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2384 ACTGTGCCCATGCTGAAGAGGCCT 2408
    |||
    1 ACTGTGCCCATGCTGAAGAGGCCT 25

RESULT 144
US-11-121-849-127956
; Sequence 127956, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: John Palma
; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded S
; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121,849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
```

; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 127956
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-127956

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2451 TGCTGAAGCCCTCACCAGCACTT 2475
Db 1 TGCTGAAGCCCTCACCAGCACTT 25

RESULT 145

US-11-121-849-127957
; Sequence 127957, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: John Palma
; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded S
; TITLE OF INVENTION: Microarrays
; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121,849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 127957
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-127957

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2467 CAAGCACTTCAGGACTGACCAGAG 2491
Db 1 CAAGCACTTCAGGACTGACCAGAG 25

RESULT 146

US-11-121-849-127958
; Sequence 127958, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: John Palma
; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded S
; TITLE OF INVENTION: Microarrays
; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121,849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 127958
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-127958

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2536 GCCTTGCTCCTCAGCCAGTTAAATG 2560
Db 1 GCCTTGCTCCTCAGCCAGTTAAATG 25

RESULT 147

US-11-121-849-127959
; Sequence 127959, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: John Palma
; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded
; TITLE OF INVENTION: Microarrays
; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121,849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 127959
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-127959

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2544 CTCAGCCAGTTAAATGTGTTCTC 2568
Db 1 CTCAGCCAGTTAAATGTGTTCTC 25

RESULT 148

US-11-121-849-127960
; Sequence 127960, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: John Palma
; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded
; TITLE OF INVENTION: Microarrays
; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121,849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 127960
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-127960

Query Match 0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2561 TGTTTCTCTGAGCTAGGAAGATC 2585
Db 1 TGTTTCTCTGAGCTAGGAAGATC 25

RESULT 149

US-11-121-849-127961
; Sequence 127961, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: John Palma
; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded
; TITLE OF INVENTION: Microarrays

Tue Nov 7 10:41:37 2006

```

; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121.849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 127961
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-127961

Query Match      0.9%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2576 TACCGACATAAGTCGAGGACTTT 2610
Db 1 TACCGACATAAGTCGAGGACTTT 25

RESULT 152
US-09-092-296-10/c
; Sequence 10, Application US/09092296
; Publication No. US20020188114A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: KLASS, MICHAEL R.
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; TITLE OF INVENTION: FOR DETECTING DISEASES OF THE LUNG
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA: /09/092,296
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/048,810
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6104.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-092-296-10

Query Match      0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 153
US-09-099-823-14/c
; Sequence 14, Application US/09099823
; Patent No. US20020018990A1
; GENERAL INFORMATION:
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```
; APPLICANT: BILLING-MEDEL, PATRICIA
; APPLICANT: COHEN, MAURICE
; APPLICANT: COLPITTS, TRACEY L.
; APPLICANT: FRIEDMAN, PAULA N.
; APPLICANT: GORDON, JULIAN
; APPLICANT: GRANADOS, EDWARD N.
; APPLICANT: HODGES, STEVEN C.
; APPLICANT: KLASS, MICHAEL R.
; APPLICANT: KRATOCHVIL, JON D.
; APPLICANT: RUSSELL, JOHN C.
; APPLICANT: SCHEFFEL, CHRISTI
; APPLICANT: STROUPE, STEPHEN D.
; APPLICANT: YU, HONG
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE BREAST
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/099,823
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/879,354
; FILING DATE: 20-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6120.US.P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX:
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-099-823-14
Query Match 0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 154
US-09-923-246-39/c
; Sequence 39, Application US/09923246
; Patent No. US20020128446A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020128446A1ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-295-723-39
Query Match 0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 154
US-923-246-39/c
; Sequence 39, Application US/09923246
; Patent No. US20020128446A1
; GENERAL INFORMATION:
; APPLICANT: No. US20020128446A1ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
```

```
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/09/923,246
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: EARLIER FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-09-923-246-39
Query Match 0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 155
US-10-295-723-39/c
; Sequence 39, Application US/10295723
; Publication No. US20030125524A1
; GENERAL INFORMATION:
; APPLICANT: No. US20030125524A1ak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/295,723
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: 09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-295-723-39
Query Match 0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
```

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Db      25 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
|||||
RESULT 156
US-10-380-256-1/c
; Sequence 1, Application US/10380256
; Publication No. US20060057565A1
; GENERAL INFORMATION:
; APPLICANT: THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
; TITLE OF INVENTION: COMBINATORIAL FLUORESCENCE ENERGY TRANSFER TAGS AND USES THEREOF
; FILE REFERENCE: 0575/622388PU
; CURRENT APPLICATION NUMBER: US/10/380,256
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/658,077
; PRIOR FILING DATE: 2000-09-11
; PRIOR APPLICATION NUMBER: 60/309,156
; PRIOR FILING DATE: 2001-07-31
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; TYPE: DNA
; LENGTH: 26
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: ARTIFICIAL SCAFFOLD FOR STRUCTURAL PURPOSES
US-10-380-256-1
Query Match      0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2733
|||||
Db      25 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
|||||
RESULT 157
US-10-659-684-39/c
; Sequence 39, Application US/10659684
; Publication No. US20040110932A1
; GENERAL INFORMATION:
; APPLICANT: Novak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/659,684
; CURRENT FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; TYPE: DNA
; LENGTH: 26
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-659-684-39
Query Match      0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2733
|||||
Db      25 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
|||||
RESULT 158
US-10-787-442-39/c
; Sequence 39, Application US/10787442
; Publication No. US20040260065A1
; GENERAL INFORMATION:
; APPLICANT: Novak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/787,442
; CURRENT FILING DATE: 2004-02-26
; PRIOR APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; TYPE: DNA
; LENGTH: 26
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-787-442-39
Query Match      0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2733
|||||
Db      25 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
|||||
RESULT 159
US-10-925-448-10/c
; Sequence 10, Application US/10925448
; Publication No. US20050019820A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; COHEN, MAURICE
; COLPITTS, TRACEY L.
; FRIEDMAN, PAULA N.
; KLASS, MICHAEL R.
; RUSSELL, JOHN C.
; STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE LUNG
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
```

```
Query Match      0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2733
|||||
Db      25 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
|||||
RESULT 158
US-10-787-442-39/c
; Sequence 39, Application US/10787442
; Publication No. US20040260065A1
; GENERAL INFORMATION:
; APPLICANT: Novak, Julia E.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Foster, Donald C.
; APPLICANT: Holly, Richard D.
; APPLICANT: Gross, Jane A.
; APPLICANT: Johnston, Janet V.
; APPLICANT: Nelson, Andrew J.
; APPLICANT: Dillon, Stacey R.
; APPLICANT: Hammond, Angela K.
; TITLE OF INVENTION: NOVEL CYTOKINE ZALPHA11 LIGAND
; FILE REFERENCE: 99-16
; CURRENT APPLICATION NUMBER: US/10/787,442
; CURRENT FILING DATE: 2004-02-26
; PRIOR APPLICATION NUMBER: US/09/522,217
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: US 60/123,547
; PRIOR FILING DATE: 1999-03-09
; PRIOR APPLICATION NUMBER: US 60/123,904
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 60/142,013
; PRIOR FILING DATE: 1999-07-01
; NUMBER OF SEQ ID NOS: 115
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; TYPE: DNA
; LENGTH: 26
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC7764b
US-10-787-442-39
Query Match      0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2733
|||||
Db      25 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1
|||||
RESULT 159
US-10-925-448-10/c
; Sequence 10, Application US/10925448
; Publication No. US20050019820A1
; GENERAL INFORMATION:
; APPLICANT: BILLING-MEDEL, PATRICIA
; COHEN, MAURICE
; COLPITTS, TRACEY L.
; FRIEDMAN, PAULA N.
; KLASS, MICHAEL R.
; RUSSELL, JOHN C.
; STROUPE, STEPHEN D.
; TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
; FOR DETECTING DISEASES OF THE LUNG
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Abbott Laboratories
```

```
; STREET: 100 Abbott Park Road
; CITY: Abbott Park
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/925,448
; FILING DATE: 25-Aug-2004
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/092,296
; FILING DATE: 05-JUNE-1998
; APPLICATION NUMBER: 60/048,810
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Becker, Cheryl L.
; REGISTRATION NUMBER: 35,441
; REFERENCE/DOCKET NUMBER: 6104.US.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 847/935-1729
; TELEFAX: 847/938-2623
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-925-448-10

Query Match          0.9%; Score 25; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 160
US-09-781-693A-16/c
; Sequence 16, Application US/09781693A
; Publication No. US20030054438A1
; GENERAL INFORMATION:
; APPLICANT: Chang, Tai-Jay
; TITLE OF INVENTION: ANDROGEN RECEPTOR COMPLEX-ASSOCIATED
; FILE REFERENCE: 11709-003001
; CURRENT APPLICATION NUMBER: US/09/781,693A
; CURRENT FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/262,312
; PRIOR FILING DATE: 2001-01-17
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(27)
; OTHER INFORMATION: n = A,T,C or G
; OTHER INFORMATION: synthetically generated primer
US-09-781-693A-16

Query Match          0.9%; Score 25; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 160
US-09-781-693A-16/c
; Sequence 16, Application US/09781693A
; Publication No. US20030054438A1
; GENERAL INFORMATION:
; APPLICANT: Chang, Tai-Jay
; TITLE OF INVENTION: ANDROGEN RECEPTOR COMPLEX-ASSOCIATED
; FILE REFERENCE: 11709-003001
; CURRENT APPLICATION NUMBER: US/09/781,693A
; CURRENT FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/262,312
; PRIOR FILING DATE: 2001-01-17
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)...(27)
; OTHER INFORMATION: n = A,T,C or G
; OTHER INFORMATION: synthetically generated primer
US-09-781-693A-16
```

```
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 161
US-10-406-031-32/c
; Sequence 32, Application US/10406031
; Publication No. US20040043017A1
; GENERAL INFORMATION:
; APPLICANT: Masci, Paul Pantaleone
; APPLICANT: De Jersey, John
; APPLICANT: Lavin, Martin
; TITLE OF INVENTION: PROTHROMBIN ACTIVATING PROTEIN
; FILE REFERENCE: 15685-002001
; CURRENT APPLICATION NUMBER: US/10/406,031
; CURRENT FILING DATE: 2003-04-02
; PRIOR APPLICATION NUMBER: AU 2003901033
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: AU PSI483
; PRIOR FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 26
; OTHER INFORMATION: n = a, g, or c
; NAME/KEY: misc_feature
; LOCATION: 27
; OTHER INFORMATION: n = a, c, g, or t
; FEATURE:
; OTHER INFORMATION: Primer
US-10-406-031-32

Query Match          0.9%; Score 25; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 162
US-11-189-521-16/c
; Sequence 16, Application US/11189521
; Publication No. US2005027209A1
; GENERAL INFORMATION:
; APPLICANT: Chang, Tai-Jay
; TITLE OF INVENTION: ANDROGEN RECEPTOR COMPLEX-ASSOCIATED
; FILE REFERENCE: 11709-003001
; CURRENT APPLICATION NUMBER: US/11/189,521
; CURRENT FILING DATE: 2005-07-26
; PRIOR APPLICATION NUMBER: US/09/781,693
; PRIOR FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: US 60/262,312
; PRIOR FILING DATE: 2001-01-17
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
```

```

; Gap8
0:

```


Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 167

US-09-776-479-962
; Sequence 962, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-962

Query Match 0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 24

RESULT 168

US-09-888-326-841/c
; Sequence 841, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 841
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-841

Query Match 0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 169

US-09-920-313-148/c
; Sequence 148, Application US/09920313
; Publication No. US20020198165A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Nucleic Acids for the Prevention and
; TITLE OF INVENTION: Treatment of Gastric Ulcers
; FILE REFERENCE: C1037/7019 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/920,313
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: US 60/222,248
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 148
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-920-313-148

Query Match 0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 170

US-09-920-342-12/c
; Sequence 12, Application US/09920342
; Patent No. US20020137709A1
; GENERAL INFORMATION:
; APPLICANT: University of Southern California
; APPLICANT: Lin, Shi-Lung
; APPLICANT: Chuong, Cheng-Ming
; APPLICANT: Wideltz, Randall B.
; TITLE OF INVENTION: GENE SILENCING USING MRNA-CDNA HYBRIDS
; FILE REFERENCE: 13761-7024
; CURRENT APPLICATION NUMBER: US/09/920,342
; CURRENT FILING DATE: 2002-01-17
; PRIOR APPLICATION NUMBER: US 60/222,479
; PRIOR FILING DATE: 2000-08-02
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Poly(dT)24 primer
US-09-920-342-12

Query Match 0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 171

US-09-949-305B-6/c
; Sequence 6, Application US/09949305B
; Publication No. US20030022318A1
; GENERAL INFORMATION:

Tue Nov 7 10:41:37 2006.

```
; APPLICANT: Lin, Shi-Lung
; APPLICANT: Ying, Shao-Yao
; TITLE OF INVENTION: Method for Thermocycling Amplification of Nucleic Acid Sequences
; TITLE OF INVENTION: Generation of Related Peptides Thereof
; FILE REFERENCE: 266/014
; CURRENT APPLICATION NUMBER: US/09/949,305B
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/494,212
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligo(dT) primer for RNA polymerase thermocycling procedure
US-09-949-305B-6

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
    |||||
Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 172
US-10-017-995-433/c
; Sequence 433, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-433

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
    |||||
Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 173
US-10-017-995-961/c
; Sequence 961, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-961
```

```
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-961

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
    |||||
Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 174
US-10-017-995-962
; Sequence 962, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-962

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
    |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 175
US-10-043-415-4
; Sequence 4, Application US/10043415
; Publication No. US20020182620A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; APPLICANT: Patel, Rajesh D.
; TITLE OF INVENTION: Quantitative Determination of Nucleic
; TITLE OF INVENTION: Acid Amplification Products
; FILE REFERENCE: BEH-7408
; CURRENT APPLICATION NUMBER: US/10/043,415
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US/09/025,639
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_binding
; LOCATION: (1)...(24)
; OTHER INFORMATION: Synthetic DNA Probe
US-10-043-415-4
```

Query Match 0.9%; Score 24; DB 1; Length 24;
 Best Local Similarity 100.0%; Pred. No. 2e+02;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
 |||||
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 176

US-10-058-270A-140/c
 ; Sequence 140, Application US/10058270A
 ; Publication No. US20040029114A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mack, David H.
 ; APPLICANT: Gish, Kurt C.
 ; APPLICANT: Afar, Daniel
 ; APPLICANT: Eos Biotechnology, Inc.
 ; TITLE OF INVENTION: Methods of Diagnosis of Breast Cancer, Compositions and
 ; TITLE OF INVENTION: Methods of Screening for Modulators of Breast Cancer
 ; FILE REFERENCE: 018501-005210US
 ; CURRENT APPLICATION NUMBER: US/10/058,270A
 ; CURRENT FILING DATE: 2002-01-24
 ; PRIOR APPLICATION NUMBER: US 60/263,965
 ; PRIOR FILING DATE: 2001-01-24
 ; PRIOR APPLICATION NUMBER: US 60/265,928
 ; PRIOR FILING DATE: 2001-02-02
 ; PRIOR APPLICATION NUMBER: US 09/829,472
 ; PRIOR FILING DATE: 2001-04-09
 ; PRIOR APPLICATION NUMBER: US 60/282,698
 ; PRIOR FILING DATE: 2001-04-09
 ; PRIOR APPLICATION NUMBER: US 60/288,590
 ; PRIOR FILING DATE: 2001-05-04
 ; PRIOR APPLICATION NUMBER: US 60/294,443
 ; PRIOR FILING DATE: 2001-05-29
 ; NUMBER OF SEQ ID NOS: 141
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 140
 ; LENGTH: 24
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:T7-T24 oligo
 ; NAME/KEY: modified base
 ; LOCATION: (8)..(24)
 ; OTHER INFORMATION: t at positions 8-24 may be present or absent
 ; US-10-058-270A-140

Query Match 0.9%; Score 24; DB 1; Length 24;
 Best Local Similarity 100.0%; Pred. No. 2e+02;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
 |||||
 Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 177

US-10-058-513-39/c
 ; Sequence 39, Application US/10058513
 ; Publication No. US20030087245A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Gish, Kurt C.
 ; APPLICANT: Mack, David H.
 ; APPLICANT: Afar, Daniel
 ; APPLICANT: Eos Biotechnology, Inc.
 ; TITLE OF INVENTION: Uses of PBH1 in the Diagnosis and Therapeutic Treatment
 ; TITLE OF INVENTION: of Prostate Cancer
 ; FILE REFERENCE: 018501-005910US
 ; CURRENT APPLICATION NUMBER: US/10/058,513
 ; CURRENT FILING DATE: 2002-01-24

; PRIOR APPLICATION NUMBER: US 60/263,951
 ; PRIOR FILING DATE: 2001-01-24
 ; NUMBER OF SEQ ID NOS: 42
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 39
 ; LENGTH: 24
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:T7-(dT)-24
 ; OTHER INFORMATION: primer
 ; US-10-058-513-39

Query Match 0.9%; Score 24; DB 1; Length 24;
 Best Local Similarity 100.0%; Pred. No. 2e+02;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
 |||||
 Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 178

US-10-062-188-106/c
 ; Sequence 106, Application US/10062188
 ; Publication No. US20040096826A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Evans, Glen A.
 ; TITLE OF INVENTION: Methods For Creating Recombination
 ; TITLE OF INVENTION: Products Between Nucleotide Sequences
 ; FILE REFERENCE: P-EA 5008
 ; CURRENT APPLICATION NUMBER: US/10/062,188
 ; CURRENT FILING DATE: 2001-01-31
 ; NUMBER OF SEQ ID NOS: 231
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 106
 ; LENGTH: 24
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: synthetic construct
 ; US-10-062-188-106

Query Match 0.9%; Score 24; DB 1; Length 24;
 Best Local Similarity 100.0%; Pred. No. 2e+02;
 Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
 |||||
 Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 179

US-10-112-653-415/c
 ; Sequence 415, Application US/10112653
 ; Publication No. US20030050268A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Krieg, Arthur M.
 ; APPLICANT: Berg, Daniel J.
 ; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
 ; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
 ; FILE REFERENCE: C01039/70060(AWS)
 ; CURRENT APPLICATION NUMBER: US/10/112,653
 ; CURRENT FILING DATE: 2002-03-29
 ; PRIOR APPLICATION NUMBER: US 60/279,642
 ; PRIOR FILING DATE: 2001-03-29
 ; NUMBER OF SEQ ID NOS: 1040
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 415
 ; LENGTH: 24
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
 |||||
Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

```

RESULT 184
US-10-309-775A-19/c
; Sequence 19, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-19

```

| | | | | |
|-----------------------|-----------------|------------------|-----------|------------|
| Query Match | 0.9% | Score 24; | DB 1; | Length 24; |
| Best Local Similarity | 100.0% | Pred. No. 2e+02; | | |
| Matches 24; | Conservative 0; | Mismatches 0; | Indels 0; | Gaps 0; |

| | | | |
|----------------|------|----------------------|------|
| Qy | 2709 | AAAAAAAAAAAAAAAAAAAA | 2732 |
| | | | |
| D _b | 24 | AAAAAAAAAAAAAAAAAAAA | 1 |

```

RESULT 185
US-10-314-578-433/c
; Sequence 433, Application US/10314578
; Publication No. US2003021206A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/NAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: Fastseq for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-433

```

| | | | |
|-----------------------|-----------------|------------------|-----------|
| Query Match | 0.9% | Score 24; | DB 1; |
| Best Local Similarity | 100.0%; | Pred. No. 2e+02; | |
| Matches 24; | Conservative 0; | Mismatches 0; | Indels 0; |
| | | | Gaps 0; |

| | | | |
|----------------|------|--------------------------|------|
| Qy | 2709 | AAAAAAAAAAAAAAAAAAAAAAAA | 2732 |
| | | | |
| D _b | 24 | AAAAAAAAAAAAAAAAAAAAAAAA | 1 |

```

RESULT 186
US-10-314-578-961/c
; Sequence 961, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 961
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-961

```

| | | | | |
|-----------------------|-----------------|------------------|-----------|------------|
| Query Match | 0.9% | Score 24; | DB 1; | Length 24; |
| Best Local Similarity | 100.0%; | Pred. No. 2e+02; | | |
| Matches 24; | Conservative 0; | Mismatches 0; | Indels 0; | Gaps 0; |

| Qy | 2709 | AAAAAAAAAAAAAAAAAAAA | 2732 |
|----------------|------|----------------------|------|
| | | | |
| D _b | 24 | AAAAAAAAAAAAAAAAAAAA | 1 |

```

RESULT 187
US-10-314-578-962
; Sequence 962, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/WAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 962
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-962

```

| | | | | |
|-----------------------|--------------|------------------|------------|------------|
| Query Match | 0.9%; | Score 24; | DB 1; | Length 24; |
| Best Local Similarity | 100.0%; | Pred. NO. 2e+02; | | |
| Matches 24; | Conservative | 0; | Mismatches | 0; |
| | | 0; | Indels | 0; |
| | | | Gaps | 0; |

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
 |||
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

```

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-360-511-14

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 190
US-10-374-307-13
; Sequence 13, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorse, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 13
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-374-307-13

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 24

RESULT 191
US-10-374-307-16/c
; Sequence 16, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorse, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-374-307-16

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 188
US-10-357-930-14833/c
; Sequence 14833, Application US/10357930
; Publication No. US20040259086A1
; GENERAL INFORMATION:
; APPLICANT: Schlegel, Robert
; APPLICANT: Endege, Wilson
; APPLICANT: Morahan, John
; TITLE OF INVENTION: NOVEL GENES, COMPOSITIONS, KITS, AND METHODS FOR
; TITLE OF INVENTION: IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF
; TITLE OF INVENTION: HUMAN PROSTATE CANCER
; FILE REFERENCE: MRI-007BCN
; CURRENT APPLICATION NUMBER: US/10/357,930
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 09/785,276
; PRIOR FILING DATE: 2003-02-16
; PRIOR APPLICATION NUMBER: 60/183,319
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: 60/189,862
; PRIOR FILING DATE: 2000-03-16
; PRIOR APPLICATION NUMBER: 60/207,454
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 60/211,314
; PRIOR FILING DATE: 2000-06-09
; PRIOR APPLICATION NUMBER: 60/219,007
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: 60/255,281
; PRIOR FILING DATE: 2000-12-13
; NUMBER OF SEQ ID NOS: 62232
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 14833
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-357-930-14833

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 189
US-10-360-511-14/c
; Sequence 14, Application US/10360511
; Publication No. US20040014078A1
; GENERAL INFORMATION:
; APPLICANT: XIA, JAMES
; APPLICANT: BRUSH, CHARLES
; APPLICANT: GUPTA, VINEET
; APPLICANT: HUANG, HESHU
; APPLICANT: LI, CHANGMING
; APPLICANT: MARACAS, GEORGE
; APPLICANT: MARRERO, ROBERT
; APPLICANT: RAY, MELISSA
; APPLICANT: SUN, LEI
; APPLICANT: ZHANG, PEIMING
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ROLLING CIRCLE AMPLIFICATION
; FILE REFERENCE: PU0290
; CURRENT APPLICATION NUMBER: US/10/360,511
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: 60/355,374
; PRIOR FILING DATE: 2002-02-06
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence

```

```
Db      24  AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 192
US-10-389-665-4
; Sequence 4, Application US/10389665
; Publication No. US20030175785A1
; GENERAL INFORMATION:
; APPLICANT: Kurd, Nurith
; TITLE OF INVENTION: Quantitative Determination of Nucleic
; FILE REFERENCE: BEH-7408
; CURRENT APPLICATION NUMBER: US/10/389,665
; PRIOR FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: US/09/025,639
; PRIOR FILING DATE: 1998-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc.binding
; LOCATION: (1)...(24)
; OTHER INFORMATION: Synthetic DNA Probe
US-10-389-665-4

Query Match      0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709  AAAAAAAAAAAAAAAAAAAAAA 2732
Db      1  AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 193
US-10-671-628-10/c
; Sequence 10, Application US/10671628
; Publication No. US20040068105A1
; GENERAL INFORMATION:
; APPLICANT: ITO, Kikukatsu
; TITLE OF INVENTION: Plant Thermogenic Genes and Proteins
; FILE REFERENCE: 2003-1386A/WMC/00653
; CURRENT APPLICATION NUMBER: US/10/671,628
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: 10/009,962
; PRIOR FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: PCT/JP00/03806
; PRIOR FILING DATE: 2000-06-12
; PRIOR APPLICATION NUMBER: JP11-167439
; PRIOR FILING DATE: 1999-06-14
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: cDNA Primer
US-10-671-628-10

Query Match      0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709  AAAAAAAAAAAAAAAAAAAAAA 2732
Db      24  AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 194
US-10-729-895-18/c
; Sequence 18, Application US/10729895
; Publication No. US20060063156A1
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF NEW MEXICO
; TITLE OF INVENTION: OUTCOME PREDICTION AND RISK CLASSIFICATION IN CHILDHOOD
; FILE REFERENCE: N12-038US/310.00050101
; CURRENT APPLICATION NUMBER: US/10/729,895
; CURRENT FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: 60/510,904
; PRIOR FILING DATE: 2003-10-14
; PRIOR APPLICATION NUMBER: 60/510,968
; PRIOR FILING DATE: 2003-10-14
; PRIOR APPLICATION NUMBER: 60/432,064
; PRIOR FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: 60/432,077
; PRIOR FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: 60/432,078
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 18
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: primer
US-10-729-895-18

Query Match      0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709  AAAAAAAAAAAAAAAAAAAAAA 2732
Db      24  AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 195
US-10-831-778-433/c
; Sequence 433, Application US/10831778
; Publication No. US20040235774A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/831,778
; CURRENT FILING DATE: 2004-04-23
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 433
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-831-778-433

Query Match      0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709  AAAAAAAAAAAAAAAAAAAAAA 2732
Db      24  AAAAAAAAAAAAAAAAAAAAAA 1
```

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Tue Nov 7 10:41:37 2006

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; Publication No. US20050069524A1
; GENERAL INFORMATION:
; APPLICANT: Romantchikov, Yuri
; TITLE OF INVENTION: IMPROVED METHODS FOR INSERTION OF
; TITLE OF INVENTION: NUCLEIC ACIDS INTO CIRCULAR VECTORS
; FILE REFERENCE: 11639/1
; CURRENT APPLICATION NUMBER: US/10/942,251
; CURRENT FILING DATE: 2004-09-16
; PRIOR APPLICATION NUMBER: US/09/213,834
; PRIOR FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Cloning Vector
; US-10-942-251-3
Query Match      0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 199
US-11-127-654-415/c
; Sequence 415, Application US/11127654
; Publication No. US20050250726A1
; GENERAL INFORMATION:
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC
; TITLE OF INVENTION: INFLAMMATORY DISEASES
; FILE REFERENCE: C1039.700600S01
; CURRENT APPLICATION NUMBER: US/11/127,654
; CURRENT FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: US 10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 415
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; US-11-127-654-415
Query Match      0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 200
US-11-127-654-919/c
; Sequence 919, Application US/11127654
; Publication No. US20050250726A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC
; TITLE OF INVENTION: INFLAMMATORY DISEASES
; US-10-942-251-3
Query Match      0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAA 24

RESULT 198
US-10-942-251-3/c
; Sequence 3, Application US/10942251
```



```
; FILE REFERENCE: C1039.70060US01
; CURRENT APPLICATION NUMBER: US/11/127,654
; PRIOR FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: US 10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 919
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-127-654-919

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 201
US-11-127-654-920
; Sequence 920, Application US/11/127654
; Publication No. US20050250726A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; TITLE OF INVENTION: BERG, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC
; FILE REFERENCE: C1039.70060US01
; CURRENT APPLICATION NUMBER: US/11/127,654
; CURRENT FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: US 10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 920
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-127-654-920

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 1 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 202
US-11-178-086-19/c
; Sequence 19, Application US/11/78086
; Publication No. US20050276789A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/11/178,086
; CURRENT FILING DATE: 2005-07-08
; PRIOR APPLICATION NUMBER: US/10/309,775
; PRIOR FILING DATE: 2002-12-04
```

```
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-11-178-086-19

Query Match          0.9%; Score 24; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 203
US-10-480-013-2/c
; Sequence 2, Application US/10480013
; Publication No. US2004015794A1
; GENERAL INFORMATION:
; APPLICANT: Pohang Foundation
; TITLE OF INVENTION: CALIX[4]ARENE-NUCLEOSIDE AND CALIX[4]ARENE-OLIGONUCLEOTIDE
; TITLE OF INVENTION: HYBRIDS
; FILE REFERENCE: PCA20633/PSC
; CURRENT APPLICATION NUMBER: US/10/480,013
; CURRENT FILING DATE: 2003-12-04
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 2
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: calix[4]arene-oligonucleotide hybrid 2
; NAME/KEY: misc_feature
; LOCATION: (13)
; OTHER INFORMATION: calix[4]arene-nucleoside of chemical formula 1
US-10-480-013-2

Query Match          0.9%; Score 24; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 1.9e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 204
US-10-942-251-9/c
; Sequence 9, Application US/10942251
; Publication No. US20050069524A1
; GENERAL INFORMATION:
; APPLICANT: Romantchikov, Yuri
; TITLE OF INVENTION: IMPROVED METHODS FOR INSERTION OF
; FILE REFERENCE: 11639/1
; CURRENT APPLICATION NUMBER: US/10/942,251
; CURRENT FILING DATE: 2004-09-16
; PRIOR APPLICATION NUMBER: US/09/213,834
; PRIOR FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 25
; TYPE: DNA
```

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; ORGANISM: Artificial Sequence
; FEATURE: INFORMATION: Cloning Vector
; OTHER INFORMATION: Cloning Vector
US-10-942-251-9

Query Match          0.9%; Score 24; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 28 AAAAAAAAAAAAAAAAAAAAAAAAAA 5

RESULT 207
US-11-121-849-127954
; Sequence 127954, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: John Palma
; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded S
; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121,849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 127954
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-127954

Query Match          0.9%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 2.1e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 2397 TGAAGAGGCGCTCGCGGCTTACGG 2421
Db 1 TGAAGAGGCGCTCGCGGCTTACGG 25

RESULT 208
US-11-121-849-127955
; Sequence 127955, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: John Palma
; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded
; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121,849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 127955
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-127955

Query Match          0.9%; Score 23.4; DB 1; Length 25;
Best Local Similarity 96.0%; Pred. No. 2.1e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 2405 GCCTCGCGGCTTACGGCTGAAGA 2429
Db 1 GCCTCGCGGCTTACGGCTGAAGA 25

RESULT 209
US-09-997-931-5
; Sequence 5, Application US/09997931
; Publication No. US20030087241A1
; GENERAL INFORMATION:
; APPLICANT: University of Rochester
; APPLICANT: Kool, Eric
; TITLE OF INVENTION: CIRCULAR DNA VECTORS FOR SYNTHESIS OF RNA AND DNA
```

```
; FILE REFERENCE: 220,00010142
; CURRENT APPLICATION NUMBER: US/09/997,931
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 09/569,344
; PRIOR FILING DATE: 2000-05-11
; PRIOR APPLICATION NUMBER: US 08/805,631
; PRIOR FILING DATE: 1997-02-26
; PRIOR APPLICATION NUMBER: US 08/393,439
; PRIOR FILING DATE: 1995-02-23
; PRIOR APPLICATION NUMBER: US 08/047,860
; PRIOR FILING DATE: 1993-04-15
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: circular template
US-09-997-931-5

Query Match          0.9%; Score 23.4; DB 1; Length 26;
Best Local Similarity 96.0%; Pred. No. 2.1e+02;
Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2733
Db 2 AAAAAAAAAAAACCAAAAAAAAAAAAAA 26

RESULT 210
US-10-344-741-21/c
; Sequence 21, Application US/10344741
; Publication No. US20040038371A1
; GENERAL INFORMATION:
; APPLICANT: Basten, Danielle
; APPLICANT: Dekker, Petrus, Jacobus, Theodorus
; APPLICANT: Schuurhuizen, Paul, William
; APPLICANT: Schaap, Petrus, Johannes
; APPLICANT: Visser, Jacob
; APPLICANT: DSM NV
; TITLE OF INVENTION: No. US20040038371A1el Amino peptidase
; FILE REFERENCE: 24615-20187.00
; CURRENT APPLICATION NUMBER: US/10/344,741
; CURRENT FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: EP/NL 00202995.7
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Poly-T primer
US-10-344-741-21

Query Match          0.8%; Score 23.2; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 2.3e+02;
Matches 23; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAA 2731
Db 24 BAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 211
US-11-046-124-43/c
; Sequence 43, Application US/11046124
; Publication No. US20050191736A1
; GENERAL INFORMATION:
; APPLICANT: Brown, Kimberly
; APPLICANT: Harris, Paul
```

```
; APPLICANT: Zaretsky, Elizabeth J.
; APPLICANT: Rey, Edward
; APPLICANT: Vlasenko, Elena
; TITLE OF INVENTION: Polypeptides Having Cellulolytic Enhancing Activity And Nucleic
; TITLE OF INVENTION: Acids Encoding Same
; FILE REFERENCE: 10587,200-US
; CURRENT APPLICATION NUMBER: US/11/046,124
; CURRENT FILING DATE: 2005-01-28
; PRIOR APPLICATION NUMBER: 60/540,661
; PRIOR FILING DATE: 2004-01-30
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 43
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Escherichia coli
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (24)..(27)
; OTHER INFORMATION: V= A, C, OR G
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (25)..(25)
; OTHER INFORMATION: N=A, C, G, OR T
US-11-046-124-43

Query Match          0.8%; Score 23.2; DB 1; Length 25;
Best Local Similarity 95.8%; Pred. No. 2.2e+02;
Matches 23; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAAAAAA 2731
Db 24 BAAAAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 212
US-10-309-775A-74/c
; Sequence 74, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 74
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-74

Query Match          0.8%; Score 23.2; DB 1; Length 28;
Best Local Similarity 89.3%; Pred. No. 2e+02;
Matches 25; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2736
Db 28 AAAAAAAAAAAAAAAAAACAAATGAAAA 1

RESULT 213
US-11-178-086-74/c
; Sequence 74, Application US/11178086
; Publication No. US20050276789A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
```

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; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/11/178,086
; CURRENT FILING DATE: 2005-07-08
; PRIOR APPLICATION NUMBER: US/10/309,775
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 74
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-11-178-086-74

Query Match          0.8%; Score 23.2; DB 1; Length 28;
Best Local Similarity 89.3%; Pred. No. 2e+02; 3; Indels 0; Gaps 0;
Matches 25; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2736
Db 28 AAAAAAAAAAAAAAAAAACCAATGAAA 1

RESULT 214
US-10-216-122-151
; Sequence 151, Application US/10216122
; Publication No. US20030121063A1
; GENERAL INFORMATION:
; APPLICANT: Kazanian, Haig H.
; APPLICANT: Ostertag, Eric
; APPLICANT: DeBerardinis, Ralph
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
; FILE REFERENCE: 053893-5006-03
; CURRENT APPLICATION NUMBER: US/10/216,122
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 09/653,812
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 08/847,844
; PRIOR FILING DATE: 1997-04-28
; PRIOR APPLICATION NUMBER: US 08/749,805
; PRIOR FILING DATE: 1996-11-15
; PRIOR APPLICATION NUMBER: US 60/006,831
; PRIOR FILING DATE: 1995-11-16
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 151
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide annealing to 3' end of L1 insert
US-10-216-122-151

Query Match          0.8%; Score 23; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2.3e+02; 0; Indels 0; Gaps 0;
Matches 23; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2731
Db 1 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 23

RESULT 215
US-09-788-269-17
; Sequence 17, Application US/09788269
; Publication No. US20050233319A1
; GENERAL INFORMATION:
; APPLICANT: Jarvik, Jonathan W.
; TITLE OF INVENTION: Methods and Products for Peptide-Based cDNA

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; TITLE OF INVENTION: Characterization and Analysis
; FILE REFERENCE: 2087 010261
; CURRENT APPLICATION NUMBER: US/09/788,269
; CURRENT FILING DATE: 2001-02-16
; PRIOR APPLICATION NUMBER: US 60/182,983
; PRIOR FILING DATE: 2000-02-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Microsoft Word 97 SR-2
; SEQ ID NO 17
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Ending of hemoglobin alpha 2 transcript
US-09-788-269-17

Query Match          0.8%; Score 23; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 2.1e+02; 0; Indels 0; Gaps 0;
Matches 23; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2731
Db 6 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 28

RESULT 216
US-11-099-683-27/c
; Sequence 27, Application US/11099683
; Publication No. US2006001916A1
; GENERAL INFORMATION:
; APPLICANT: Krieger, Arthur
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR INDUCING IL-10 RESPONSES
; FILE REFERENCE: C1037.70047US01
; CURRENT APPLICATION NUMBER: US/11/099,683
; CURRENT FILING DATE: 2005-04-04
; PRIOR APPLICATION NUMBER: US 60/558,951
; PRIOR FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 27
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)-(24)
; OTHER INFORMATION: where the linkages between bases are phosphorothioate linkages
US-11-099-683-27

Query Match          0.8%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 2.6e+02; 1; Indels 0; Gaps 0;
Matches 23; Conservative 0; Mismatches 1;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAAAAAAAAAAAAAAAAAAGA 1

RESULT 217
US-09-942-310-52
; Sequence 52, Application US/09942310
; Publication No. US20030044797A1
; GENERAL INFORMATION:
; APPLICANT: Risinger, Carl
; APPLICANT: Andersson, Maria K.
; APPLICANT: Lewander, Tommy
; APPLICANT: Olaiasson, Erik
; TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms
; FILE REFERENCE: GG119.1US
; CURRENT APPLICATION NUMBER: US/09/942,310

```

; CURRENT FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: GB 0021286.0
; PRIOR FILING DATE: 2000-08-30
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 52
; LENGTH: 25
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-942-310-52

Query Match 0.8%; Score 22.4; DB 1; Length 25;
Best Local Similarity 95.8%; Pred. No. 2.5e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAAGAAAAA 2730
Db 1 CCAAAAAA 24

RESULT 218
US-09-942-310-59/c
; Sequence 59, Application US/09942310
; Publication No. US20030044797A1
; GENERAL INFORMATION:
; APPLICANT: Risinger, Carl
; APPLICANT: Andersson, Maria K.
; APPLICANT: Lewander, Tommy
; APPLICANT: Olaisson, Erik
; TITLE OF INVENTION: Detection of CYP2D6 Polymorphisms
; FILE REFERENCE: GG119.1US
; CURRENT APPLICATION NUMBER: US/09/942,310
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: GB 0021286.0
; PRIOR FILING DATE: 2000-08-30
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 59
; LENGTH: 25
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-942-310-59

Query Match 0.8%; Score 22.4; DB 1; Length 25;
Best Local Similarity 95.8%; Pred. No. 2.5e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAAGAAAAA 2730
Db 25 CCAAAAAA 2

RESULT 219
US-10-216-122-94
; Sequence 94, Application US/10216122
; Publication No. US20030121063A1
; GENERAL INFORMATION:
; APPLICANT: Kazazian, Haig H.
; APPLICANT: Osterlag, Eric
; APPLICANT: DeBerardinis, Ralph
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS
; FILE REFERENCE: 053893-5006-03
; CURRENT APPLICATION NUMBER: US/10/216,122
; CURRENT FILING DATE: 2002-08-09
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: US 09/653,812
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 08/847,844
; PRIOR FILING DATE: 1997-04-28
; PRIOR APPLICATION NUMBER: US 08/749,805

; PRIOR FILING DATE: 1996-11-15
; PRIOR APPLICATION NUMBER: US 60/006,831
; PRIOR FILING DATE: 1995-11-16
; NUMBER OF SEQ ID NOS: 154
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 94
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-216-122-94

Query Match 0.8%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAA 2730
Db 1 AAAAAAAAAA 22

RESULT 220
US-10-335-573-6/c
; Sequence 6, Application US/10335573
; Publication No. US20040126770A1
; GENERAL INFORMATION:
; APPLICANT: Kumar, Gyanendra
; APPLICANT: Abarzua, Patricia
; TITLE OF INVENTION: ROLLING CIRCLE AMPLIFICATION OF RNA
; FILE REFERENCE: 13172.0021UI
; CURRENT APPLICATION NUMBER: US/10/335,573
; CURRENT FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Note =
; OTHER INFORMATION: synthetic construct
US-10-335-573-6

Query Match 0.8%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.9e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAA 2730
Db 22 AAAAAAAAAA 1

RESULT 221
US-09-426-548-126
; Sequence 126, Application US/09426548
; Patent No. US20010044936A1
; GENERAL INFORMATION:
; APPLICANT: Robbins, David
; APPLICANT: Lin-Goerke, Juili L.
; APPLICANT: Ling, Jessica
; TITLE OF INVENTION: No. US20010044936A1 Mutations in Human MLH1 and MSH2 Genes Use
; TITLE OF INVENTION: Diagnosing Colorectal Cancer
; FILE REFERENCE: DEX-0054
; CURRENT APPLICATION NUMBER: US/09/426,548
; CURRENT FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 126
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-426-548-126

Query Match 0.8%; Score 22; DB 1; Length 23;

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; TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
; FILE REFERENCE: 07763-004002
; CURRENT APPLICATION NUMBER: US/10/331,780
; CURRENT FILING DATE: 2002-12-31
; PRIOR APPLICATION NUMBER: US/08/473,010
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/247,530
; PRIOR FILING DATE: 1994-05-25
; PRIOR APPLICATION NUMBER: US 07/833,607
; PRIOR FILING DATE: 1992-02-19
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically derived DNA
US-10-331-780-6

Query Match 0.8%; Score 22; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2729
Db 3 TAAAAAAAAAAAAAAAAAAAAA 24

RESULT 224
US-10-721-793-285/c
; Sequence 285, Application US/10721793
; Publication No. US20050065331A1
; GENERAL INFORMATION:
; APPLICANT: Corona Villegas, Miguel
; APPLICANT: Garcia Rodriguez, Ma Consuelo
; APPLICANT: Valdez Cruz, Norma Adriana
; APPLICANT: Gurrola Briones, Georgina
; APPLICANT: Becerril Lu'jan, Baltazar
; APPLICANT: Possani Postay, Lourival Domingos
; TITLE OF INVENTION: Recombinant Immunogens for the Generation of Antivenoms to the
; FILE REFERENCE: 2099.0070001
; CURRENT APPLICATION NUMBER: US/10/721,793
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 60/430,067
; PRIOR FILING DATE: 2002-12-02
; NUMBER OF SEQ ID NOS: 294
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 285
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: PCR Reverse oligonucleotide primer
; NAME/KEY: misc_feature
; LOCATION: (23)..(23)
; OTHER INFORMATION: n is a, t, g, or c
; FEATURE:
; NAME/KEY: primer bind
; LOCATION: (1)..(24)
; OTHER INFORMATION: oligonucleotide T22NN
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (24)..(24)
; OTHER INFORMATION: n is a, t, g, or c
US-10-721-793-285

Query Match 0.8%; Score 22; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2730
Db 3 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 223
US-10-331-780-6
; Sequence 6, Application US/10331780
; Publication No. US20030162210A1
; GENERAL INFORMATION:
; APPLICANT: Chetverin, Alexander B.
; APPLICANT: Kramer, Fred Russel
; TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
; FILE REFERENCE: 4-31704A/GTI
; CURRENT APPLICATION NUMBER: US/10/081,969
; CURRENT FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: US 60/270,922
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: US 60/295,037
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/348,670
; PRIOR FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Viral vector sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(24)
; OTHER INFORMATION: Fig. 1C. SV40 early Poly(A) site
; FEATURE:
; NAME/KEY: polyA site
; LOCATION: (3)..(24)
; OTHER INFORMATION:
US-10-081-969-18

Query Match 0.8%; Score 22; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2730
Db 3 AAAAAAAAAAAAAAAAAAAAAA 24

RESULT 223
US-10-331-780-6
; Sequence 6, Application US/10331780
; Publication No. US20030162210A1
; GENERAL INFORMATION:
; APPLICANT: Chetverin, Alexander B.
; APPLICANT: Kramer, Fred Russel
; TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
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Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2730
Db 22 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 225
US-11-088-979-6
; Sequence 6, Application US/11088979
; Publication No. US20050266441A1
; GENERAL INFORMATION:
; APPLICANT: Chetverin, Alexander B.
; APPLICANT: Kramer, Fred Russel
; TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
; ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
; FILE REFERENCE: 07763-004002
; CURRENT APPLICATION NUMBER: US/11/088,979
; CURRENT FILING DATE: 2005-03-24
; PRIOR FILING DATE: US/08/473,010
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/247,530
; PRIOR FILING DATE: 1994-05-25
; PRIOR APPLICATION NUMBER: US 07/833,607
; PRIOR FILING DATE: 1992-02-19
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically derived DNA
US-11-088-979-6

Query Match 0.8%; Score 22; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 2.7e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2729
Db 3 TAAAAAAAAAAAAAAAAAAAAA 24

RESULT 226
US-10-002-536A-5/c
; Sequence 5, Application US/10002536A
; Publication No. US20030108874A1
; GENERAL INFORMATION:
; APPLICANT: Kane, Michael D.
; APPLICANT: Nagel, Aaron C.
; APPLICANT: Dombkowski, Alan A.
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
; TITLE OF INVENTION: (mrnas) IN EUKARYOTIC ORGANISMS
; FILE REFERENCE: 65446-87
; CURRENT APPLICATION NUMBER: US/10/002,536A
; CURRENT FILING DATE: 2003-02-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: This is a synthesized sequence.
US-10-002-536A-5

Query Match 0.8%; Score 21.8; DB 1; Length 25;
Best Local Similarity 92.0%; Pred. No. 2.8e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2733
Db 25 AAACCAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 227
US-10-681-773-117004/c
; Sequence 117004, Application US/10681773
; Publication No. US20040146890A1
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
; PRIOR FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 117004
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-117004

Query Match 0.8%; Score 21.8; DB 1; Length 25;
Best Local Similarity 92.0%; Pred. No. 2.8e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1110 ACCTCTTTAGTGATGTCCTCAATTCAA 1134
Db 25 ACCTCTTTAGCGATGTCCTCAATTCAA 1

RESULT 228
US-10-681-773-5912/c
; Sequence 5912, Application US/10681773
; Publication No. US20040146890A1
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 5912
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-5912

Query Match 0.8%; Score 21.8; DB 1; Length 25;
Best Local Similarity 92.0%; Pred. No. 2.8e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1107 CCAACCTCTTTAGTGATGTCCTCAATT 1131
Db 25 CCAACCTCTTTAGCGATGTCCTCAATT 1

RESULT 229
US-10-719-900-863310
; Sequence 863310, Application US/10719900
; Publication No. US20050026164A1
```

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; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 863310
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; US-10-809-189-123070

Query Match      0.8%; Score 21.8; DB 1; Length 25;
Best Local Similarity 92.0%; Pred. No. 2.8e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2103 TCGACGACGACTTCAGGAACCTGGA 2127
Db 1 TCGACGACGACTTCGCAACCTGGG 25

RESULT 230
US-10-809-189-123069
; Sequence 123069, Application US/10809189
; Publication No. US20050048531A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/10/809,189
; CURRENT FILING DATE: 2004-03-25
; PRIOR APPLICATION NUMBER: US/09/396,196
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 123069
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
; US-10-809-189-123069

Query Match      0.8%; Score 21.8; DB 1; Length 25;
Best Local Similarity 92.0%; Pred. No. 2.8e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2102 CTGCAGCAGCACTTCAGGAACCTGG 2126
Db 1 CTGCAGCAGCACTTCGCAACCTGG 25

RESULT 231
US-10-809-189-123070
; Sequence 123070, Application US/10809189
; Publication No. US20050048531A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/10/809,189
; CURRENT FILING DATE: 2004-03-25
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 123069
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
; US-10-809-189-123069

Query Match      0.8%; Score 21.8; DB 1; Length 25;
Best Local Similarity 92.0%; Pred. No. 2.8e+02;
Matches 23; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2101 TCGACGACGACTTCAGGAACCTGG 2125
Db 1 TCGACGACGACTTCGCAACCTGG 25

RESULT 232
US-10-002-536A-2/c
; Sequence 2, Application US/10002536A
; Publication No. US20030108874A1
; GENERAL INFORMATION:
; APPLICANT: Kane, Michael D.
; APPLICANT: Nagel, Aaron C.
; APPLICANT: Dombkowski, Alan A.
; TITLE OF INVENTION: COMPOSITIONS AND SYSTEMS FOR IDENTIFYING AND COMPARING EXPRESSED
; FILE REFERENCE: 65446-87
; CURRENT APPLICATION NUMBER: US/10/002,536A
; CURRENT FILING DATE: 2003-02-11
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: This is a synthesized sequence.
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (23)..(25)
; OTHER INFORMATION: n may be selected from a o r c o r g o r t.
; US-10-002-536A-2

Query Match      0.8%; Score 21.2; DB 1; Length 25;
Best Local Similarity 95.5%; Pred. No. 3e+02;
Matches 21; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAATAAAAAAAAAAAAAAAAAA 2729
Db 22 BAAAAAATAAAAAAAAAAAAAAAAAA 1

RESULT 233
US-09-776-479-912/c
; Sequence 912, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0

```



```
; SEQ ID NO 912
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-912

Query Match          0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 234
US-09-776-479-912/c
; Sequence 912, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-912

Query Match          0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 235
US-09-833-031A-4/c
; Sequence 4, Application US/09833031A
; Publication No. US20040180336A1
; GENERAL INFORMATION:
; APPLICANT: Gilad, Shlomit
; APPLICANT: EINAT, Paz
; APPLICANT: GROSZMAN, Avital
; TITLE OF INVENTION: METHOD FOR ENRICHMENT OF NATURAL ANTISENSE MESSENGER RNA
; FILE REFERENCE: GILAD-2B
; CURRENT APPLICATION NUMBER: US/09/833,031A
; CURRENT FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 09/680,420
; PRIOR FILING DATE: 2000-10-06
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
```

US-09-833-031A-4

```
Query Match          0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2690 AGAGCCCTAAGTTGTACTAA 2710
Db 21 AGAGCCCTAAGTTGTACTAA 1
```

RESULT 236

```
US-09-888-326-840/c
; Sequence 840, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 840
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-840
```

```
Query Match          0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 237

```
US-09-989-420-69/c
; Sequence 69, Application US/09989420
; Publication No. US20030013671A1
; GENERAL INFORMATION:
; APPLICANT: MINENO, Junichi et al.
; TITLE OF INVENTION: Genomic DNA library
; FILE REFERENCE: 1422-0506P
; CURRENT APPLICATION NUMBER: US/09/989,420
; CURRENT FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 69
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer for a
; OTHER INFORMATION: ATP dependent DNA helicase gene
US-09-989-420-69
```

```
Query Match          0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2416 TTACGGGCTGAAGATGGTCT 2436
```

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Tue Nov 7 10:41:37 2006

```
Db 21 TTACGGGCTGAAGAGTGCTCT 1
|||||
RESULT 238
US-10-017-995-912/c
; Sequence 912, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 912
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-912
Query Match 0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.6e+02; Indels 0;
Matches 21; Conservative 0; Mismatches 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
|||||
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1
|||||

RESULT 239
US-10-112-653-881/c
; Sequence 881, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 881
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-881
Query Match 0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.6e+02; Indels 0;
Matches 21; Conservative 0; Mismatches 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
|||||
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1
|||||

RESULT 240
US-10-144-179A-41/c
; Sequence 41, Application US/10144179A
; Publication No. US20030211483A1
; GENERAL INFORMATION:
; APPLICANT: Schroeder, Benjamin
; APPLICANT: Chen, Caifu
; TITLE OF INVENTION: Methods for the Enrichment of
; TITLE OF INVENTION: Low-Abundance Polynucleotides
; FILE REFERENCE: ABIOS.005A
; CURRENT APPLICATION NUMBER: US/10/144,179A
; CURRENT FILING DATE: 2002-10-01
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligo-dT primer
US-10-144-179A-41
Query Match 0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.6e+02; Indels 0;
Matches 21; Conservative 0; Mismatches 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
|||||
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1
|||||

RESULT 241
US-10-278-760-2/c
; Sequence 2, Application US/10278760
; Publication No. US20040081962A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Caifu
; APPLICANT: Brandis, John
; APPLICANT: Schroeder, Ben
; APPLICANT: Brandis, John
; APPLICANT: Schroeder, Gary
; TITLE OF INVENTION: Applied Biosystems
; TITLE OF INVENTION: Methods for Synthesizing Complementary DNA
; FILE REFERENCE: 1560.012US1
; CURRENT APPLICATION NUMBER: US/10/278,760
; CURRENT FILING DATE: 2002-10-23
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A control primer.
US-10-278-760-2
Query Match 0.8%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.6e+02; Indels 0;
Matches 21; Conservative 0; Mismatches 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
|||||
Db 21 AAAAAAAAAAAAAAAAAAAAAA 1
|||||

RESULT 242
US-10-314-578-912/c
; Sequence 912, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
US-10-314-578-912/c
; Sequence 912, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
```


| | | | | |
|-----------------------|--------------|--------------------|------------|------------|
| Query Match | 0.8%; | Score 21; | DB 1; | Length 21; |
| Best Local Similarity | 100.0%; | Pred. No. 3.6e+02; | | |
| Matches 21: | Conservative | 0; | Mismatches | 0; |
| | Indels | 0; | Gaps | 0; |

RESULT 251
US-10-750-185-8652
; Sequence 8652, Application US/10750185
; Publication No. US20050260603A1

```
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8652
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Extension Primer
US-10-750-185-8652
```

```
Query Match          0.8%; Score 21; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
      |||||
Db 2 TAAAAAAAAAAAAAAAAAAAAA 22
```

RESULT 252

```
US-10-750-623-8652
; Sequence 8652, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-1
; CURRENT APPLICATION NUMBER: US/10/750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8652
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Extension Primer
US-10-750-623-8652
```

```
Query Match          0.8%; Score 21; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
      |||||
Db 2 TAAAAAAAAAAAAAAAAAAAAA 22
```

RESULT 253

```
US-09-853-646-3
; Sequence 3, Application US/09853646
```

```
; Patent No. US20020055106A1
; GENERAL INFORMATION:
; APPLICANT: Nicolaides, Nicholas
; APPLICANT: Sass, Philip
; APPLICANT: Grasso, Luigi
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: A METHOD FOR GENERATING HYPERMUTABLE
; TITLE OF INVENTION: ORGANISMS
; FILE REFERENCE: 01107.00138
; CURRENT APPLICATION NUMBER: US/09/853,646
; CURRENT FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 60/204,769
; PRIOR FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Recombinant DNA
US-09-853-646-3
```

```
Query Match          0.8%; Score 21; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
      |||||
Db 6 AAAAAAAAAAAAAAAAAAAAAA 26
```

RESULT 254

```
US-10-857-780-495/c
; Sequence 495, Application US/10857780
; Publication No. US20050272043A1
; GENERAL INFORMATION:
; APPLICANT: ROTH, RICHARD B.
; APPLICANT: BRAUN, ANDREAS
; APPLICANT: KAMMERER, STEFAN M.
; APPLICANT: NELSON, MATTHEW ROBERTS
; APPLICANT: RENELAND, RIKARD HENRY
; APPLICANT: HOVAL-WRIGHTSON, CAROLYN R.
; TITLE OF INVENTION: METHODS FOR IDENTIFYING RISK OF BREAST CANCER AND TREATMENTS
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: SEQ-4069-CP
; CURRENT APPLICATION NUMBER: US/10/857,780
; CURRENT FILING DATE: 2004-05-28
; PRIOR APPLICATION NUMBER: 10/723,681
; PRIOR FILING DATE: 2003-11-25
; PRIOR APPLICATION NUMBER: 60/490,234
; PRIOR FILING DATE: 2003-07-24
; PRIOR APPLICATION NUMBER: 60/525,239
; PRIOR FILING DATE: 2003-11-25
; NUMBER OF SEQ ID NOS: 4962
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 495
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic primer
US-10-857-780-495
```

```
Query Match          0.8%; Score 21; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 3.1e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
      |||||
Db 26 AAAAAAAAAAAAAAAAAAAAAA 6
```

Tue Nov 7 10:41:37 2006

```

RESULT 257
US-10-719-956-691097
; Sequence 691097, Application US/10719956
; Publication No. US20040146910A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 691097
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-691097
Query Match      0.8%; Score 20.8; DB 1; Length 25;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2087 TTTGAGAACCCCGTGTCTGCAGCAG 2110
      |||||||
Db      2 TTCGAGAACCCAGTGTCTGCAGCAG 25

RESULT 258
US-10-719-956-691098
; Sequence 691098, Application US/10719956
; Publication No. US20040146910A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 691098
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-691098
Query Match      0.8%; Score 20.8; DB 1; Length 25;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2087 TTTGAGAACCCCGTGTCTGCAGCAG 2110
      |||||||
Db      2 TTCGAGAACCCAGTGTCTGCAGCAG 25

RESULT 259
US-10-750-185-22424/c
; Sequence 22424, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: WM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185

```


Tue Nov 7 10:41:37 2006

```
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-11-178-086-20

Query Match      0.7%; Score 20.4; DB 1; Length 24;
Best Local Similarity 95.5%; Pred. No. 3.6e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2730
      |||||
DB 24 AAAAAAAAAAAAAAAAAAAAAA 3

RESULT 264
US-10-719-900-358887/c
; Sequence 358887, Application US/10719900
; Publication No. US200500261641
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 358887
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-358887

Query Match      0.7%; Score 20.4; DB 1; Length 25;
Best Local Similarity 95.5%; Pred. No. 3.5e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2165 GTGACCTGACATGCCCCAAGG 2186
      |||||
DB 22 GTGACCTGACACTGCCCAAGG 1

RESULT 265
US-10-133-937-99/c
; Sequence 99, Application US/10133937
; Publication No. US20030207278A1
; GENERAL INFORMATION:
; APPLICANT: Khan, Javed
; APPLICANT: Ringner, Markus
; APPLICANT: Peterson, Carsten
; APPLICANT: Meltzer, Paul
; TITLE OF INVENTION: METHODS FOR ANALYZING HIGH DIMENSIONAL DATA FOR CLASSIFYING,
; TITLE OF INVENTION: DIAGNOSING, PROGNOSTICATING, AND/OR PREDICTING DISEASES AND
; TITLE OF INVENTION: OTHER BIOLOGICAL STATES
; FILE REFERENCE: 11613.56US01
; CURRENT APPLICATION NUMBER: US/10/133,937
; CURRENT FILING DATE: 2002-11-04
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 99
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-133-937-99

Query Match      0.7%; Score 20.2; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.1e+02;
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
      :|||||
DB 21 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 266
US-10-159-563-99/c
; Sequence 99, Application US/10159563
; Publication No. US20040009154A1
; GENERAL INFORMATION:
; APPLICANT: Khan, Javed
; APPLICANT: Ringner, Markus
; APPLICANT: Peterson, Carsten
; APPLICANT: Meltzer, Paul
; TITLE OF INVENTION: SELECTIONS OF GENES AND METHODS OF USING THE SAME FOR
; TITLE OF INVENTION: DIAGNOSIS AND FOR TARGETING THE THERAPY OF SELECT CANCERS
; FILE REFERENCE: 11613.56US11
; CURRENT APPLICATION NUMBER: US/10/159,563
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 10/133,937
; PRIOR FILING DATE: 2002-04-25
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 99
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-159-563-99

Query Match      0.7%; Score 20.2; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.1e+02;
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
      :|||||
DB 21 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 267
US-10-314-321A-56/c
; Sequence 56, Application US/10314321A
; Publication No. US20030190648A1
; GENERAL INFORMATION:
; APPLICANT: Hitachi, Ltd.
; TITLE OF INVENTION: Gene Predicting Method
; FILE REFERENCE: 31010118US1
; CURRENT APPLICATION NUMBER: US/10/314,321A
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: JP 2002-103333
; PRIOR FILING DATE: 2002-04-05
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 56
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (22)
; OTHER INFORMATION: partial sequence of AL365356 , n is a, c, g or t
US-10-314-321A-56

Query Match      0.7%; Score 20.2; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 3.9e+02;
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
      :|||||
```


Db 21 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 268
US-10-601-140A-32/c
; Sequence 32, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: KAUPPINEN, SAKARI
; APPLICANT: JACOBSEN, NANA
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; FILE OF INVENTION: NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; PRIOR FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 32
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (13)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (15)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (17)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (19)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (22)
; OTHER INFORMATION: a, t, c or g
US-10-601-140A-32

Query Match

0.7%; Score 20.2; DB 1; Length 22;

Best Local Similarity 95.2%; Pred. No. 3.9e+02;
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
Db 21 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 269
US-10-601-140A-45/c
; Sequence 45, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: KAUPPINEN, SAKARI
; APPLICANT: JACOBSEN, NANA
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; FILE OF INVENTION: NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; PRIOR FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 45
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)..(20)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (22)
; OTHER INFORMATION: a, t, c or g
US-10-601-140A-45

Query Match 0.7%; Score 20.2; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 3.9e+02;
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
Db 21 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 270
US-10-664-000-3/c
; Sequence 3, Application US/10664000
; Publication No. US20040248144A1
; GENERAL INFORMATION:
; APPLICANT: Mir, Kalim
; TITLE OF INVENTION: Arrays and Methods of Use
; FILE REFERENCE: 8654/2182
; CURRENT APPLICATION NUMBER: US/10/664,000
; CURRENT FILING DATE: 2003-09-16
; PRIOR APPLICATION NUMBER: PCT/GB02/01245
; PRIOR FILING DATE: 2002-03-18
; PRIOR APPLICATION NUMBER: GB0106635.6
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: GB0118879.6
; PRIOR FILING DATE: 2001-08-02
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:

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```

; OTHER INFORMATION: Anchored capture oligonucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (22)..(22)
; OTHER INFORMATION: n is a, c, g, or t
US-10-664-000-3

Query Match          0.7%; Score 20.2; DB 1; Length 22;
Best Local Similarity 95.2%; Pred. No. 3.9e+02;
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAATTTTAAAAA 2728
Db 21 EAAAAAATTTTAAAAA 1

RESULT 271
US-10-681-773-117003/c
; Sequence 117003, Application US/10681773
; Publication No. US20040146890A1
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 117003
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-117003

Query Match          0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1110 ACCTCTTAGTGATGTCCTCAATTCAA 1134
Db 25 ACCTCTTAGGCTTGTCAGTTCAA 1

RESULT 272
US-10-681-773-123009/c
; Sequence 123009, Application US/10681773
; Publication No. US20040146890A1
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 123009
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-123009

Query Match          0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1112 CTCCTTAGTGATGTCCTCAATTCAGA 1136
Db 25 CTCCTTAGGATGTCAGTTCAAAA 1

RESULT 273
US-10-681-773-46324/c
; Sequence 46324, Application US/10681773
; Publication No. US20040146890A1
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 46324
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-46324

Query Match          0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1114 CTTTAGTGATGTCCTCAATTCAGATG 1138
Db 25 CTTTAGCGATGTCAGTTCAAAATG 1

RESULT 274
US-10-681-773-5911/c
; Sequence 5911, Application US/10681773
; Publication No. US20040146890A1
; GENERAL INFORMATION:
; APPLICANT: Matsuzaki, Hajime
; APPLICANT: Mei, Rui
; APPLICANT: Shen, Mei-Mei
; APPLICANT: Kennedy, Giulia
; TITLE OF INVENTION: Methods for Genotyping Polymorphisms in Humans
; FILE REFERENCE: 3522.2
; CURRENT APPLICATION NUMBER: US/10/681,773
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: 60/470,475
; PRIOR FILING DATE: 2002-05-14
; PRIOR APPLICATION NUMBER: 60/417,190
; PRIOR FILING DATE: 2002-10-08
; NUMBER OF SEQ ID NOS: 124031
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 5911
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-681-773-5911

Query Match          0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 1107 CCAACTCTTTAGTGTGCTCAATT 1131
|||||
Db 25 CCAACTCTTTAGCGTTGCTCAATT 1

RESULT 275

US-10-719-900-394075
; Sequence 394075, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 394075
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-394075

Query Match 0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2065 CTTTCATACACGAAGTGACAGCTTT 2089
|||||
Db 1 CTTTCATACACGACGACAGCTTT 25

RESULT 276

US-10-719-900-394076
; Sequence 394076, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 394076
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-394076

Query Match 0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2065 CTTTCATACACGAAGTGACAGCTTT 2089
|||||
Db 1 CTTTCATACACGAGCGACAGCTTT 25

RESULT 277

US-10-719-900-863309
; Sequence 863309, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900

; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 863309
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-863309

Query Match 0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2103 TGCAGCAGCACTTCAGGAACCTGGA 2127
|||||
Db 1 TGCAGCAGCACTACCGCAACCTGGA 25

RESULT 278

US-10-719-956-190116/c
; Sequence 190116, Application US/10719956
; Publication No. US20040146910A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 190116
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-190116

Query Match 0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1674 TTGATGATCCAGGTTTGATGCTCAT 1698
|||||
Db 25 TTGATGATCCAGGTGGAAGCTCAT 1

RESULT 279

US-10-719-956-637821
; Sequence 637821, Application US/10719956
; Publication No. US20040146910A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 637821
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-637821

Query Match 0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 2208 TGGGCTCCTTGGTGATGAGTTTAA 2232
      ||||| ||||| ||||| ||||| |||||
Db 1 TGGGCTCCTTGGCAGATGAGTTTAA 25

RESULT 280
US-10-719-956-637822
; Sequence 637822, Application US/10719956
; Publication No. US20040146910A1
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 637822
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-637822

Query Match 0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2208 TGGGCTCCTTGGTGATGAGTTTAA 2232
      ||||| ||||| ||||| ||||| |||||
Db 1 TGGGCTCCTTGGCAGATGAGTTTAA 25

RESULT 281
US-10-809-189-123056
; Sequence 123056, Application US/10809189
; Publication No. US20050048531A1
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/10/809,189
; CURRENT FILING DATE: 2004-03-25
; PRIOR APPLICATION NUMBER: US/09/396,196
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 123056
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-10-809-189-123056

Query Match 0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2090 GAGAACCCCGTCTGCAGCAGCACT 2114
      ||||| ||||| ||||| ||||| |||||
Db 1 GAGAAATCCAGTCTGCAGCAGCACT 25

RESULT 282
US-11-121-849-175118/c
; Sequence 175118, Application US/11121849
; Publication No. US20050272080A1
; GENERAL INFORMATION:
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 145755

; APPLICANT: John Palma
; TITLE OF INVENTION: Methods of Genetic Analysis of Formalin Fixed Paraffin Embedded S.
; FILE REFERENCE: 3684.1
; CURRENT APPLICATION NUMBER: US/11/121,849
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 60/567,949
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 673904
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 175118
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-11-121-849-175118

Query Match 0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 783 ATGCCTCCAAAGGCTATGTTGAATC 807
      ||||| ||||| ||||| ||||| |||||
Db 25 ATGCCTCCAGGCTATGTTGCATC 1

RESULT 283
US-11-136-527-145748/c
; Sequence 145748, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 145748
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Probe
US-11-136-527-145748

Query Match 0.7%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 3.6e+02;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 695 GAAGAAGCAGAGGAGAGACAGAGAG 719
      ||||| ||||| ||||| ||||| |||||
Db 25 GAGGAAGAGAGAGAGAGAGAGAGAG 1

RESULT 284
US-11-136-527-145755/c
; Sequence 145755, Application US/11136527
; Publication No. US20050287570A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
; FILE REFERENCE: 031896-041000 (AM101086)
; CURRENT APPLICATION NUMBER: US/11/136,527
; CURRENT FILING DATE: 2005-05-25
; PRIOR APPLICATION NUMBER: US 60/574,294
; PRIOR FILING DATE: 2005-05-26
; NUMBER OF SEQ ID NOS: 362830
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 145755
```

; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: Probe
 US-11-136-527-145755

Query Match 0.7%; Score 20.2; DB 1; Length 25;
 Best Local Similarity 88.0%; Pred. No. 3.6e+02;
 Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 696 AAGAAGCAGGAGGAAGAACAGAGA 720
 Db 25 AAGAAGGAGAGGAAGAGAAGA 1

RESULT 285

US-11-136-527-145761/c
 ; Sequence 145761, Application US/11136527
 ; Publication No. US20050287570A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wyeth
 ; APPLICANT: Mounts, William M
 ; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
 ; FILE REFERENCE: 031896-041000 (AM101086)
 ; CURRENT APPLICATION NUMBER: US/11/136,527
 ; CURRENT FILING DATE: 2005-05-25
 ; PRIOR APPLICATION NUMBER: US 60/574,294
 ; PRIOR FILING DATE: 2005-05-26
 ; NUMBER OF SEQ ID NOS: 362830
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 145761
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: Probe
 US-11-136-527-145761

Query Match 0.7%; Score 20.2; DB 1; Length 25;
 Best Local Similarity 88.0%; Pred. No. 3.6e+02;
 Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 695 GAAGAAGCAGGAGGAAGAACAGAAG 719
 Db 25 GAAGAAGGAGAGGAAGAAGAAGAAG 1

RESULT 286

US-11-136-527-149997/c
 ; Sequence 149997, Application US/11136527
 ; Publication No. US20050287570A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wyeth
 ; APPLICANT: Mounts, William M
 ; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
 ; FILE REFERENCE: 031896-041000 (AM101086)
 ; CURRENT APPLICATION NUMBER: US/11/136,527
 ; CURRENT FILING DATE: 2005-05-25
 ; PRIOR APPLICATION NUMBER: US 60/574,294
 ; PRIOR FILING DATE: 2005-05-26
 ; NUMBER OF SEQ ID NOS: 362830
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 149997
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: Probe
 US-11-136-527-149997

Query Match 0.7%; Score 20.2; DB 1; Length 25;
 Best Local Similarity 88.0%; Pred. No. 3.6e+02;

Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Qy 1674 TTGATGATCCAGGTTTGATGCTCAT 1698
 Db 25 TTGATGATCCAGGATGGAAGCTCAT 1

RESULT 287

US-11-136-527-93711
 ; Sequence 93711, Application US/11136527
 ; Publication No. US20050287570A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wyeth
 ; APPLICANT: Mounts, William M
 ; TITLE OF INVENTION: Probe Arrays For Expression Profiling of Rat Genes
 ; FILE REFERENCE: 031896-041000 (AM101086)
 ; CURRENT APPLICATION NUMBER: US/11/136,527
 ; CURRENT FILING DATE: 2005-05-25
 ; PRIOR APPLICATION NUMBER: US 60/574,294
 ; PRIOR FILING DATE: 2005-05-26
 ; NUMBER OF SEQ ID NOS: 362830
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 93711
 ; LENGTH: 25
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: Probe
 US-11-136-527-93711

Query Match 0.7%; Score 20.2; DB 1; Length 25;
 Best Local Similarity 88.0%; Pred. No. 3.6e+02;
 Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 695 GAAGAAGCAGGAGGAAGAACAGAAG 719
 Db 1 GAAGAAGCGGAGGAAGAGAAGAAG 25

RESULT 288

US/10/763
 ; Sequence 161, Application US/10763039A
 ; Publication No. US20050239082A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Jarrell, Kevin A.
 ; APPLICANT: Vishwanath, Prashanth
 ; APPLICANT: Smith, temple
 ; APPLICANT: Short, Glenn F.
 ; TITLE OF INVENTION: Alien Sequences
 ; FILE REFERENCE: 2003320-0036
 ; CURRENT APPLICATION NUMBER: US/10/763,039A
 ; CURRENT FILING DATE: 2004-01-22
 ; NUMBER OF SEQ ID NOS: 166
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 161
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Anti-alien in spike control concept. Sequences of alien genes designed by
 US/10/763,039A-161

Query Match 0.7%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 4.4e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 289

US/10/763
 ; Sequence 166, Application US/10763039A
 ; Publication No. US20050239082A1

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Tue Nov 7 10:41:37 2006

```

; GENERAL INFORMATION:
; APPLICANT: Jarrell, Kevin A.
; APPLICANT: Vishwanath, Praethan
; APPLICANT: Smith, Temple
; APPLICANT: Short, Glenn F.
; TITLE OF INVENTION: Alien Sequences
; FILE REFERENCE: 2003320-0036
; CURRENT APPLICATION NUMBER: US/10/763,039A
; CURRENT FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 166
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Anti-alien in spike control concept. Sequences of alien genes designed by
US/10/763,039A-166

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 290
US-09-005-243-33/c
; Sequence 33, Application US/09005243
; Patent No. US20020018763A1
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Kristina M.
; APPLICANT: Bosseiman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS: 104
; ADDRESSES: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/005,243
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:

```

```

; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/34465
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-005-243-33

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2707 CTAATAAAAAAAAAAAAAA 2726
Db 20 CTAATAAAAAAAAAAAAAA 1

RESULT 291
US-09-224-683-33/c
; Sequence 33, Application US/09224683
; Patent No. US20020031491A1
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Kristina M.
; APPLICANT: Bosseiman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor: Composition Claims
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS: 104
; ADDRESSES: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/224,683
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:

```

; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/35136
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-224-683-33

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2707 CTAACAAAAA 2726
Db 20 CTAACAAAAA 1

RESULT 292

US-09-726-096A-1/c
; Sequence 1, Application US/09726096A
; Publication No. US20010016652A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Back
; TITLE OF INVENTION: Oligomeric Compounds
; FILE REFERENCE: ISIS4528
; CURRENT APPLICATION NUMBER: US/09/726,096A
; CURRENT FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE)
US-09-726-096A-1

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAA 2728
Db 20 AAAAAA 1

RESULT 293

US-09-760-500A-55
; Sequence 55, Application US/09760500A
; Patent No. US20020155442A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert

; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-715-A
; CURRENT APPLICATION NUMBER: US/09/760,500A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
US-09-760-500A-55

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAA 2728
Db 1 AAAAAA 20

RESULT 294

US-09-771-554-5/c
; Sequence 5, Application US/09771554
; Patent No. US20020155496A1
; GENERAL INFORMATION:
; APPLICANT: CHARLES, Marie Helene
; APPLICANT: PIGA, Nadia
; APPLICANT: BATAILL-POIROT, Nicole
; APPLICANT: VERON, Laurent
; APPLICANT: DELAIR, Thierry
; APPLICANT: MANDRAND, Bernard
; TITLE OF INVENTION: SATURATED AND UNSATURATED ABIETANE DERIVATIVES, DERIVED CONJUGAT
; TITLE OF INVENTION: USES IN A DIAGNOSTIC COMPOSITION, A REAGENT AND A DEVICE
; FILE REFERENCE: 108473
; CURRENT APPLICATION NUMBER: US/09/771,554
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: PCT/FR99/01846
; PRIOR FILING DATE: 1999-07-27
; PRIOR APPLICATION NUMBER: FR 98/10084
; PRIOR FILING DATE: 1998-07-31
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-09-771-554-5

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAA 2728

Tue Nov 7 10:41:37 2006

```

Db      20 AAAAAAAAAAAAAAAAAAAAAA 1
RESULT 295
US-09-776-479-226/c
; Sequence 226, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-226

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db      20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 296
US-09-776-479-556/c
; Sequence 556, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-556

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db      20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 297
US-09-776-479-556/c
; Sequence 556, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-556

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db      20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 298
US-09-776-479-560
; Sequence 560, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 560
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-560

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db      1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 299
US-09-820-279B-55
; Sequence 55, Application US/09820279B
; Publication No. US20030022169A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.

```



```
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Sciorhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-1085-A
; CURRENT APPLICATION NUMBER: US/09/820,279B
; CURRENT FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence::random
; OTHER INFORMATION: synthetic sequence
US-09-820-279B-55
```

```
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
| | | | | | | | | | | | | | | | | |
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 300
US-09-833-031A-5
; Sequence 5, Application US/09833031A
; Publication No. US20040180336A1
; GENERAL INFORMATION:
; APPLICANT: GILAD, Shlomit
; APPLICANT: EINAT, Paz
; APPLICANT: GROSZMAN, Avital
; TITLE OF INVENTION: METHOD FOR ENRICHMENT OF NATURAL ANTISENSE MESSENGER RNA
; FILE REFERENCE: GILAD=2B
; CURRENT APPLICATION NUMBER: US/09/833,031A
; CURRENT FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 09/680,420
; PRIOR FILING DATE: 2000-10-06
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-09-833-031A-5
```

```
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2010 TCATGGCAACTCCAGCAG 2029
| | | | | | | | | | | | | | | | | |
DB 1 TCATGGCAACTCCAGCAG 20
```

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RESULT 301
US-09-880-505-83
; Sequence 83, Application US/09880505
; Publication No. US20030007976A1
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; APPLICANT: Tan, Paul L.J.
; APPLICANT: Prestidge, Ross
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; TITLE OF INVENTION: of Immunologically-Mediated Skin Disorders
; FILE REFERENCE: 11000.1007c2
; CURRENT APPLICATION NUMBER: US/09/880,505
; CURRENT FILING DATE: 2001-06-13
; PRIOR APPLICATION NUMBER: US 09/324,542
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: US 08/997,080
; PRIOR FILING DATE: 1997-12-23
; NUMBER OF SEQ ID NOS: 194
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-09-880-505-83
```

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Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
| | | | | | | | | | | | | | | | | |
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 302
US-09-881-535-2/c
; Sequence 2, Application US/09881535
; Publication No. US20030069410A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulunga T.
; TITLE OF INVENTION: Methods For Preparing Oligonucleotides Having Chiral Phosphoroti
; TITLE OF INVENTION: Linkages
; FILE REFERENCE: ISIS4785
; CURRENT APPLICATION NUMBER: US/09/881,535
; CURRENT FILING DATE: 2001-06-14
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030069410A1el Sequence
US-09-881-535-2
```

```
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
| | | | | | | | | | | | | | | | | |
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 303
US-09-888-326-2
; Sequence 2, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
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pubmain.res

Tue Nov 7 10:41:37 2006

```

; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphodiester backbone
US-09-888-326-2
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 304
US-09-888-326-838/c
; Sequence 838, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 838
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-838
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 305
US-09-888-326-839/c
; Sequence 839, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George

```

```

; APPLICANT: Hartmann, Gunther
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 839
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: phosphodiester backbone
US-09-888-326-839
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 306
US-09-912-014-16/c
; Sequence 16, Application US/09912014
; Publication No. US2003005929A1
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.; and Tu, Eugene
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
; MICROELECTRONIC SYSTEMS AND DEVICES FOR
; MOLECULAR BIOLOGICAL ANALYSIS AND
; DIAGNOSTICS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/912,014
; FILING DATE: 24-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,504
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single

```

```
;
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-912-014-16

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 307
US-09-916-369A-1/c
; Sequence 1, Application US/09916369A
; Publication No. US20020058802A1
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J
; APPLICANT: Perbost, Michael GM
; APPLICANT: Caruthers, Marvin H
; APPLICANT: Betley, Jason R
; TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotection
; FILE REFERENCE: 10003869-1
; CURRENT APPLICATION NUMBER: US/09/916,369A
; CURRENT FILING DATE: 2001-07-21
; PRIOR APPLICATION NUMBER: US 09/627,249
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic sequence
US-09-916-369A-1

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 308
US-09-916-369A-3
; Sequence 3, Application US/09916369A
; Publication No. US20020058802A1
; GENERAL INFORMATION:
; APPLICANT: Dellinger, Douglas J
; APPLICANT: Perbost, Michael GM
; APPLICANT: Caruthers, Marvin H
; APPLICANT: Betley, Jason R
; TITLE OF INVENTION: Synthesis of Polynucleotides Using Combined Oxidation/Deprotection
; FILE REFERENCE: 10003869-1
; CURRENT APPLICATION NUMBER: US/09/916,369A
; CURRENT FILING DATE: 2001-07-21
; PRIOR APPLICATION NUMBER: US 09/627,249
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic sequence
US-09-916-369A-3
```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAAAAAA 2727
DB 1 TAAAAAAAAAAAAAAAAAAAAA 20

RESULT 309
US-09-927-777A-55
; Sequence 55, Application US/09927777A
; Patent No. US20020172953A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREON
; FILE REFERENCE: 00-653-A
; CURRENT APPLICATION NUMBER: US/09/927,777A
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-09-927-777A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
```



```
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-957-318A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 313
US-09-961-949A-55
; Sequence 55, Application US/09961949A
; Patent No. US20020146720A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-11
; CURRENT APPLICATION NUMBER: US/09/961,949A
; CURRENT FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-961-949A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 314
US-09-966-312-55
; Sequence 55, Application US/09966312
; Patent No. US20020164605A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-15
; CURRENT APPLICATION NUMBER: US/09/966,312
; CURRENT FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-966-312-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 315
US-09-966-491A-55
; Sequence 55, Application US/09966491A
; Publication No. US20020182611A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-14
; CURRENT APPLICATION NUMBER: US/09/966,491A
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
```



```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-973-788A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 319
US-09-974-007-55
; Sequence 55, Application US/09974007
; Patent No. US20020137071A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-18
; CURRENT APPLICATION NUMBER: US/09/974,007
; CURRENT FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-974-500A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 321
US-09-975-059A-55
; Sequence 55, Application US/09975059A
; Publication No. US20030143538A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-115
; CURRENT APPLICATION NUMBER: US/09/975,059A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
US-09-974-007-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 320
US-09-974-500A-55
; Sequence 55, Application US/09974500A
; Publication No. US20030049631A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.

```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-059A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 322
US-09-975-062A-55
; Sequence 55, Application US/09975062A
; Patent No. US20020155459A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-111
; CURRENT APPLICATION NUMBER: US/09/975,062A
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-376A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 324
US-09-975-498-55
; Sequence 55, Application US/09975498
; Publication No. US20020160381A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-114
; CURRENT APPLICATION NUMBER: US/09/975,498
; CURRENT FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-975-062A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 323
US-09-975-376A-55
; Sequence 55, Application US/09975376A
; Publication No. US20030054358A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert

```



```
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-577-55
```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

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QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
      |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

RESULT 325

```
US-09-976-378A-55
; Sequence 55, Application US/09976378A
; Patent No. US20020155461A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-125
; CURRENT APPLICATION NUMBER: US/09/976,378A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
```

```
; OTHER INFORMATION: synthetic sequence
US-09-976-378A-55
```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
      |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

RESULT 326

```
US-09-976-577-55
; Sequence 55, Application US/09976577
; Patent No. US20020155462A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
```

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; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-120
; CURRENT APPLICATION NUMBER: US/09/976,577
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-577-55
```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
      |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

RESULT 327

```
US-09-976-601A-55
; Sequence 55, Application US/09976601A
; Publication No. US20030124528A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storchhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-713-116
; CURRENT APPLICATION NUMBER: US/09/976,601A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
```

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US-09-976-378A-55
```

```
US-09-976-601A-55
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 328
US-09-976-617A-55
; Sequence 55, Application US/09976617A
; Patent No. US20020137072A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-124
; CURRENT APPLICATION NUMBER: US/09/976,617A
; CURRENT FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
; US-09-976-617A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 330
US-09-976-900A-55
; Sequence 55, Application US/09976900A
; Publication No. US20040219520A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-123
; CURRENT APPLICATION NUMBER: US/09/976,900A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
; US-09-976-900A-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 329
US-09-976-863A-55
; Sequence 55, Application US/09976863A
; Publication No. US20030068622A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-713-119
```

```

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
      | | | | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 331
US-09-976-968A-55
; Sequence 55, Application US/09976968A
; Publication No. US20030148282A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREFOR
; FILE REFERENCE: 00-713-117
; CURRENT APPLICATION NUMBER: US/09/976,968A
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-09-976-968A-55

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
      | | | | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 332
US-09-976-971A-55
; Sequence 55, Application US/09976971A
; Publication No. US20020182613A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THEREFOR
; FILE REFERENCE: 00-713-118
; CURRENT APPLICATION NUMBER: US/09/976,971A
; CURRENT FILING DATE: 2001-10-12

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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 334
US-09-989-420-68
; Sequence 68, Application US/09989420
; Publication No. US20030013671A1
; GENERAL INFORMATION:
; APPLICANT: MINENO, Junichi et al.
; TITLE OF INVENTION: Genomic DNA library
; FILE REFERENCE: 1422-0506P
; CURRENT APPLICATION NUMBER: US/09/989,420
; CURRENT FILING DATE: 2001-11-21
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer for am
; OTHER INFORMATION: ATP dependent DNA helicase gene
US-09-989-420-68

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1745 CCCTCCCTGTCGTGACCC 1764
Db 1 CCCTCCCTGTCGTGACCC 20

RESULT 335
US-09-994-701B-5
; Sequence 5, Application US/09994701B
; Publication No. US20040152076A1
; GENERAL INFORMATION:
; APPLICANT: Richard C. Willson and Jason C. Murphy
; TITLE OF INVENTION: NUCLEIC ACID SEPARATION USING IMMOBILIZED METAL AFFINITY CHROMATO
; FILE REFERENCE: 96605/13UTL
; CURRENT APPLICATION NUMBER: US/09/994,701B
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 60/246292
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-09-994-701B-5

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 336
US-09-994-701B-6/c
; Sequence 6, Application US/09994701B
; Publication No. US20040152076A1
; GENERAL INFORMATION:
; APPLICANT: Richard C. Willson and Jason C. Murphy
; TITLE OF INVENTION: NUCLEIC ACID SEPARATION USING IMMOBILIZED METAL AFFINITY CHROMATC
; FILE REFERENCE: 96605/13UTL
; CURRENT APPLICATION NUMBER: US/09/994,701B
; CURRENT FILING DATE: 2001-11-06
; PRIOR APPLICATION NUMBER: 60/246292
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-09-994-701B-6

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 338
US-10-008-978-55
; Sequence 55, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Macic, Robert C.
; APPLICANT: Storchoff, James J.
; APPLICANT: Elghanian, Robert

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; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; CURRENT FILING DATE: 2002-05-20
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,418
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-55

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 339
US-10-008-978-70
; Sequence 70, Application US/10008978
; Publication No. US20030087242A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
```

```
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/10/008,978
; CURRENT FILING DATE: 2002-05-20
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/224,631
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/254,418
; PRIOR FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/255,236
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 60/282,640
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-008-978-70

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 340
US-10-017-995-226/c
; Sequence 226, Application US/10017995
; Publication No. US2003005014A1
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;
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-560

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 343
US-10-051-643-83
; Sequence 83, Application US/10051643
; Publication No. US20020197265A1
; GENERAL INFORMATION:
; APPLICANT: Watson, James D.
; TITLE OF INVENTION: Methods and Compounds for the Treatment
; TITLE OF INVENTION: of Immunologically-Mediated Diseases of the Respiratory
; TITLE OF INVENTION: System using Mycobacterium Vaccae
; FILE REFERENCE: 11000.1008C2
; CURRENT APPLICATION NUMBER: US/10/051,643
; CURRENT FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US09/156,181
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: US 08/996,624
; PRIOR FILING DATE: 1997-12-23
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Made in a lab
US-10-051-643-83

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 344
US-10-077-383-5
; Sequence 5, Application US/10077383
; Publication No. US2003005044A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; APPLICANT: Saigene Corporation
; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
; FILE REFERENCE: 018048-001710US
; CURRENT APPLICATION NUMBER: US/10/077,383
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
;
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-560

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 341
US-10-017-995-556/C
; Sequence 556, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-556

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 342
US-10-017-995-560
; Sequence 560, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 560
```

```

? FEATURE:
? OTHER INFORMATION: Description of Artificial Sequence:(A)-12-20
? OTHER INFORMATION: homopolymer spacer sequence
? FEATURE:
? NAME/KEY: modified base
? LOCATION: (13)..(20)
? OTHER INFORMATION: a at positions 13-20 may be present or absent
US-10-077-383-5

```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

| | 2709 | 2728 |
|----------------|-------------------------|--------------|
| Qy | AAAAAAAAAAAAAAAAAAAA | AAAAAAAAAAAA |
| D _b | 1 AAAAAAAAAAAAAAAAAAAAA | AAAAAAAAAAAA |

```

RESULT 345
US-10-077-383-6/c
; Sequence 6, Application US/10077383
; Publication No. US20030050444A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; APPLICANT: Saigene Corporation
; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
; FILE REFERENCE: 018048-001710US
; CURRENT APPLICATION NUMBER: US/10/077,383
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: (T) -12-20
; OTHER INFORMATION: homopolymer spacer sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (13)..(20)
; OTHER INFORMATION: t at positions 13-20 may be present or absent
US-10-077-383-6

```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 2709 AAAAAAAAAAAAAAAAAA 2728
 |||||
 Db 20 AAAAAAAAAAAAAAAAAA 1

```

RESULT 346
US-10-112-653-218/c
; Sequence 218, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060 (AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSEQ for Windows Version 3.0

```

```
; SEQ ID NO 218
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-218
```

| | | | | |
|-----------------------|--------------|--------------------|---------------|------------|
| Query Match | 0.7% | Score 20; | DB 1; | Length 20; |
| Best Local Similarity | 100.0% | Pred. No. 4.4e+02; | | |
| Matches 20; | Conservative | 0; | Mismatches 0; | Indels 0; |
| | | | Gaps | 0; |

| | 2709 | AAAAAAAAAAAAAAAAAAAA | 2728 |
|----------------|------|----------------------|------|
| Qy | | | |
| D _b | 20 | AAAAAAAAAAAAAAAAAAAA | 1 |

```

RESULT 347
US-10-112-653-533/c
; Sequence 533, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 533
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-533

```

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2728
|
pb 20 AAAAAAAAAAAAAAAAAA 1

```

RESULT 348
US-10-112-653-537
; Sequence 537, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 537
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-537

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Tue Nov 7 10:41:37 2006

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Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 349
US-10-117-267-1/c
; Sequence 1, Application US/10117267
; Publication No. US20030045698A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Back
; TITLE OF INVENTION: Oligomeric Compounds
; FILE REFERENCE: ISIS-5039
; CURRENT APPLICATION NUMBER: US/10/117,267
; PRIOR FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 09/726,096
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 09/250,075
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE)
US-10-117-267-1

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 350
US-10-175-608-33/c
; Sequence 33, Application US/10175608
; Publication No. US20040181044A1
; GENERAL INFORMATION:
; APPLICANT: Zeebo, Krisztina M.
; Bosselman, Robert A.
; Suggs, Sidney V.
; Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshhall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/175,608
FILING DATE: 16-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/635,249
FILING DATE: 07-AUG-2000
APPLICATION NUMBER: 09/486,546
FILING DATE: 24-MAY-1995
APPLICATION NUMBER: 08/172,329
FILING DATE: 21-DEC-1993
APPLICATION NUMBER: 07/982,255
FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/684,535
FILING DATE: 10-APR-1991
APPLICATION NUMBER: 09/589,701
FILING DATE: 10-OCT-1991
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-10-175-608-33

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2707 CTTAAAAAAAAAAAAAAAAAAA 2726
Db 20 CTTAAAAAAAAAAAAAAAAAAA 1

RESULT 351
US-10-176-055-11
; Sequence 11, Application US/10176055
; Publication No. US20030013109A1
; GENERAL INFORMATION:
; APPLICANT: Evident Technologies
; TITLE OF INVENTION: Halprin Sensors Using Quenchable Fluorescing Agents
; FILE REFERENCE: 11739/26
; CURRENT APPLICATION NUMBER: US/10/176,055
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: 60/299,460
; PRIOR FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Target sequence
; FEATURE:
; OTHER INFORMATION: Target sequence that is desired to be detected and
; OTHER INFORMATION: that has a nucleotide sequence that is
; OTHER INFORMATION: complementary to the sequence of complementary

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; OTHER INFORMATION: probe of hairpin loop assembly
US-10-176-055-11

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 352
US-10-181-200-10/c
; Sequence 10, Application US/10181200
; Publication No. US20030212267A1
; GENERAL INFORMATION:
; APPLICANT: Cole, Douglas L.
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Cheruvallath, Zacharia S.
; TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4709
; CURRENT APPLICATION NUMBER: US/10/181,200
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: PCT/US01/00715
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: US 09/481,486
; PRIOR FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-O-methoxyethyl
; OTHER INFORMATION: phosphorothioate 20-mer
US-10-181-200-10

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 353
US-10-181-200-15/c
; Sequence 15, Application US/10181200
; Publication No. US20030212267A1
; GENERAL INFORMATION:
; APPLICANT: Cole, Douglas L.
; APPLICANT: Ravikumar, Vasulinga T.
; APPLICANT: Cheruvallath, Zacharia S.
; TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4709
; CURRENT APPLICATION NUMBER: US/10/181,200
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: PCT/US01/00715
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: US 09/481,486
; PRIOR FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-O-methoxyethyl
; OTHER INFORMATION: phosphorothioate 20-mer
US-10-181-200-10

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 354
US-10-188-404-66/c
; Sequence 66, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilson, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; APPLICANT: Coull, James M.
; APPLICANT: Kiely, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Amino Hexanoic Acid, Amino Ethyl Glycine,
; OTHER INFORMATION: Acetyl, Amino Hexanoic Acid Linkage
US-10-188-404-66

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 355
US-10-194-138-32
; Sequence 32, Application US/10194138
```

```
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-O-methyl
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: phosphorothioate 20-mer
US-10-181-200-15

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 354
US-10-188-404-66/c
; Sequence 66, Application US/10188404
; Publication No. US20030105286A1
; GENERAL INFORMATION:
; APPLICANT: Egholm, Michael
; APPLICANT: Neilson, Peter
; APPLICANT: Buchardt, Ole
; APPLICANT: Dueholm, Kim L.
; APPLICANT: Christensen, Leif
; APPLICANT: Coull, James M.
; APPLICANT: Kiely, John
; APPLICANT: Griffith, Michael
; TITLE OF INVENTION: Linked Peptide Nucleic Acids
; FILE REFERENCE: ISIS042
; CURRENT APPLICATION NUMBER: US/10/188,404
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 08/275,951
; PRIOR FILING DATE: 1994-07-15
; PRIOR APPLICATION NUMBER: 08/765,798
; PRIOR FILING DATE: 1997-04-23
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (10)..(11)
; OTHER INFORMATION: Amino Hexanoic Acid, Amino Ethyl Glycine,
; OTHER INFORMATION: Acetyl, Amino Hexanoic Acid Linkage
US-10-188-404-66

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 355
US-10-194-138-32
; Sequence 32, Application US/10194138
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Tue Nov 7 10:41:37 2006

```
; Publication No. US20030082588A1
; GENERAL INFORMATION:
; APPLICANT: Nanosphere, Inc.
; TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces
; FILE REFERENCE: 01-897-B
; CURRENT APPLICATION NUMBER: US/10/194,138
; PRIOR FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/363472
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/305369
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: "a20" oligonucleotide probe
US-10-194-138-32

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 356
US-10-208-357-26
; Sequence 26, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
US-10-208-357-26

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 357
US-10-234-764-10/c
; Sequence 10, Application US/10234764
; Publication No. US20030113769A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Lonnberg, Harri
; Publication No. US20030082588A1
; GENERAL INFORMATION:
; APPLICANT: Nanosphere, Inc.
; TITLE OF INVENTION: Method for Immobilizing Molecules onto Surfaces
; FILE REFERENCE: 01-897-B
; CURRENT APPLICATION NUMBER: US/10/194,138
; PRIOR FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/363472
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/305369
; PRIOR FILING DATE: 2001-07-13
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: "a20" oligonucleotide probe
US-10-194-138-32

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 358
US-10-255-434-14/c
; Sequence 14, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-14

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 359
US-10-255-434-26
; Sequence 26, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
```

```
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
; OTHER INFORMATION: Sequence
US-10-255-434-26

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 360
US-10-266-983-55
; Sequence 55, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-70

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 362
US-10-278-047-1/c
; Sequence 1, Application US/10278047
; Publication No. US20030143591A1
; GENERAL INFORMATION:
; APPLICANT: Davies, Martin
; APPLICANT: Bruce, Ian
; APPLICANT: Wolter, Andreas
```

```
US-10-266-983-55

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 361
US-10-266-983-70
; Sequence 70, Application US/10266983
; Publication No. US20030207296A1
; GENERAL INFORMATION:
; APPLICANT: Park, So-Jung
; APPLICANT: Taton, Thomas Andrew
; APPLICANT: Mirkin, Chad A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 01-1565-A
; CURRENT APPLICATION NUMBER: US/10/266,983
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/192,699
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-10-266-983-70

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 362
US-10-278-047-1/c
; Sequence 1, Application US/10278047
; Publication No. US20030143591A1
; GENERAL INFORMATION:
; APPLICANT: Davies, Martin
; APPLICANT: Bruce, Ian
; APPLICANT: Wolter, Andreas
```

Tue Nov 7 10:41:37 2006

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; TITLE OF INVENTION: NUCLEIC ACID PROBES AND METHODS TO DETECT AND/OR QUANTIFY NUCLEIC
; TITLE OF INVENTION: ACID ANALYTES
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/278,047
; CURRENT FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: 60/336,432
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Nucleic Acid Probe
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
US-10-278-047-1

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 363
US-10-314-578-226/c
; Sequence 226, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-226

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 364
US-10-314-578-556/c
; Sequence 556, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian

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; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-556

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```

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

```

```

RESULT 365
US-10-314-578-560
; Sequence 560, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 560
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-560

```

```

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

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RESULT 366
US-10-353-783-33/c
; Sequence 33, Application US/10353783
; Publication No. US20050261175A1
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.

```

```

; Bosselman, Robert A.
; Suggs, Sidney V.
; Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/353,793
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/448,729
; FILING DATE: 24-MAY-1995
; APPLICATION NUMBER: 08/172,329
; FILING DATE: 21-DEC-1993
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; APPLICATION NUMBER: 07/684,535
; FILING DATE: 10-APR-1991
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/32958A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-10-353-793-33

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAATAAAAAAAAAAAAAA 2726
DB 20 CTAATAAAAAAAAAAAAAA 1

RESULT 367
US-10-371-066-16/c
; Sequence 16, Application US/10371066
; Publication No. US20030162214A1
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.; and Tu, Eugene
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
; MICROELECTRONIC SYSTEMS AND DEVICES FOR

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; MOLECULAR BIOLOGICAL ANALYSIS AND
; DIAGNOSTICS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/371,066
; FILING DATE: 21-Feb-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/146,504
; FILING DATE: No. US20030162214A1ember 1, 1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-10-371-066-16

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2728
DB 20 AAAAAAAAAAAAAAAAAA 1

RESULT 368
US-10-410-324-55
; Sequence 55, Application US/10410324
; Publication No. US20030180783A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elgharian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: AND USES THEREFOR
; FILE REFERENCE: 00-713-126
; CURRENT APPLICATION NUMBER: US/10/410,324
; CURRENT FILING DATE: 2003-04-09
; PRIOR APPLICATION NUMBER: 09/961,949
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783

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; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence
US-10-410-324-55

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 369
US-10-431-341-31
; Sequence 31, Application US/10431341
; Publication No. US2004008687A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad
; APPLICANT: Cao, Yun-Wei
; APPLICANT: Jin, Rongchao
; TITLE OF INVENTION: Nanoparticle Probes with Raman Spectroscopic Fingerprints for Ana
; TITLE OF INVENTION: Detection
; FILE REFERENCE: 02-338-C
; CURRENT APPLICATION NUMBER: US/10/431,341
; CURRENT FILING DATE: 2003-05-07
; PRIOR APPLICATION NUMBER: US 60/378,538
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: US 60/383,630
; PRIOR FILING DATE: 2002-05-28
; PRIOR APPLICATION NUMBER: US 10/172,428
; PRIOR FILING DATE: 2002-06-14
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: Synthetic target sequence
US-10-431-341-31

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 370
US-10-601-140A-1/c
; Sequence 1, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: KAUPPINEN, SAKARI
; APPLICANT: JACOBSEN, NANA
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A

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; TITLE OF INVENTION: NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-601-140A-1

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 371
US-10-601-140A-10/c
; Sequence 10, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: KAUPPINEN, SAKARI
; APPLICANT: JACOBSEN, NANA
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (3)..(5)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (10)..(12)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (17)..(19)
; OTHER INFORMATION: LNA monomer
US-10-601-140A-10

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 372

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```
US-10-601-140A-2/c
; Sequence 2, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: JACOBSEN, NANA
; APPLICANT: KAUPPINEN, SAKARI
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601.140A
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (13)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (15)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (17)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (19)
; OTHER INFORMATION: LNA monomer
; US-10-601-140A-2

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

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RESULT 374
US-10-601-140A-3/c
; Sequence 3, Application US/10601140A
```

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RESULT 373
US-10-601-140A-23/c
; Sequence 23, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: JACOBSEN, NANA
; APPLICANT: KAUPPINEN, SAKARI
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601.140A
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide capture probe
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (5)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (15)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (17)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (19)
; OTHER INFORMATION: LNA monomer
; US-10-601-140A-23

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 374
US-10-601-140A-3/c
; Sequence 3, Application US/10601140A
```

```
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: JACOBSEN, SAKARI
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; PRIOR FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-601-140A-3

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e-02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 375
US-10-601-140A-34
; Sequence 34, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: JACOBSEN, SAKARI
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; PRIOR FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide linker
US-10-601-140A-34

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e-02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 376
US-10-601-140A-4/c
; Sequence 4, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: JACOBSEN, SAKARI
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
```

```
; NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; PRIOR FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (4)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (10)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (13)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (16)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (19)
; OTHER INFORMATION: LNA monomer
; OTHER INFORMATION: LNA monomer
US-10-601-140A-4

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e-02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 377
US-10-601-140A-40/c
; Sequence 40, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: KAUPPINEN, SAKARI
; APPLICANT: JACOBSEN, NANA
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; PRIOR FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
```



```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-601-140A-40

```

```

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

```

RESULT 378

```

US-10-601-140A-44
; Sequence 44, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: KAUPPINEN, SAKARI
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 44
; LENGTH: 20
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-601-140A-44

```

```

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

```

RESULT 379

```

US-10-601-140A-6/c
; Sequence 6, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: KAUPPINEN, SAKARI
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide

```

```

; NAME/KEY: modified_base
; LOCATION: (3)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (7)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (15)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (19)
; OTHER INFORMATION: LNA monomer
US-10-601-140A-6

```

```

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

```

RESULT 380

```

US-10-601-140A-7/c
; Sequence 7, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: KAUPPINEN, SAKARI
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (4)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (14)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (19)
; OTHER INFORMATION: LNA monomer
US-10-601-140A-7

```

```

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;

```

Tue Nov 7 10:41:37 2006

```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 381
US-10-601-140A-8/c
; Sequence 8, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: KAUPPINEN, SAKARI
; APPLICANT: JACOBSEN, NANA
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; PRIOR FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (1)..(20)
; OTHER INFORMATION: LNA monomer
; US-10-601-140A-8

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 382
US-10-601-140A-9/c
; Sequence 9, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: KAUPPINEN, SAKARI
; APPLICANT: JACOBSEN, NANA
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; FILE REFERENCE: 57764(71994)
; CURRENT APPLICATION NUMBER: US/10/601,140A
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (3)..(4)
; OTHER INFORMATION: LNA monomer
; FEATURE:

```

```

; NAME/KEY: modified_base
; LOCATION: (8)..(9)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (13)..(14)
; OTHER INFORMATION: LNA monomer
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (18)..(19)
; OTHER INFORMATION: LNA monomer
; US-10-601-140A-9

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 383
US-10-620-642-33/c
; Sequence 33, Application US/10620642
; Publication No. US20050080250A1
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/620,642
; FILING DATE: 16-Jul-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/10/175,608
; FILING DATE: 16-Oct-2002
; APPLICATION NUMBER: 09/635,249
; FILING DATE: 07-AUG-2000
; APPLICATION NUMBER: 09/486,546
; FILING DATE: 24-MAY-1995
; APPLICATION NUMBER: 08/172,329
; FILING DATE: 21-DEC-1993
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; APPLICATION NUMBER: 07/684,535
; FILING DATE: 10-APR-1991
; APPLICATION NUMBER: 09/589,701
; FILING DATE: 10-OCT-1991
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107

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; REFERENCE/DOCKET NUMBER: 01017/35199
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-10-620-642-33

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2707 CTAATAAAAAAAAAAAAAA 2726
Db      20 CTAATAAAAAAAAAAAAAA 1

RESULT 384
US-10-640-618-55
; Sequence 55, Application US/10640618
; Publication No. US20040072231A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: So-Jung Park
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1085-G
; CURRENT APPLICATION NUMBER: US/10/640,618
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 60/192,699
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/254,392
; PRIOR FILING DATE: 2001-12-08
; PRIOR APPLICATION NUMBER: 60/255,235
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; PRIOR APPLICATION NUMBER: 60/213,906
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 60/200,161
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: random
; OTHER INFORMATION: synthetic sequence

```

```

US-10-640-618-55
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 385
US-10-653-416-25/c
; Sequence 25, Application US/10653416
; Publication No. US20040110201A1
; GENERAL INFORMATION:
; APPLICANT: RASHTCHIAN, AYDUB
; APPLICANT: SCHUSTER, DAVID M.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
; FILE REFERENCE: 38266-0011
; CURRENT APPLICATION NUMBER: US/10/653,416
; CURRENT FILING DATE: 2003-09-03
; PRIOR APPLICATION NUMBER: 60/407,248
; PRIOR FILING DATE: 2002-09-03
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-653-416-25

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 386
US-10-661-088-12
; Sequence 12, Application US/10661088
; Publication No. US20040162253A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0206
; CURRENT APPLICATION NUMBER: US/10/661,088
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-088-12

Query Match          0.7%; Score 20; DB 1; Length 20;

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/ OTHER INFORMATION: description of artificial sequence; random
; OTHER INFORMATION: synthetic sequence

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Tue Nov 7 10:41:37 2006

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 389
US-10-661-097-15/c
; Sequence 15, Application US/10661097
; Publication No. US20040162254A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0204
; CURRENT APPLICATION NUMBER: US/10/661,097
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-097-15

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 390
US-10-661-099-12
; Sequence 12, Application US/10661099
; Publication No. US20040171568A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
; FILE REFERENCE: 029849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-099-12

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 388
US-10-661-097-12
; Sequence 12, Application US/10661097
; Publication No. US20040162254A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0204
; CURRENT APPLICATION NUMBER: US/10/661,097
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-097-12
```

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
| | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 391

US-10-661-099-15/c
; Sequence 15, Application US/10661099
; Publication No. US20040171568A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
; FILE REFERENCE: 029849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-099-15

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
| | | | | | | | | | | | | | | | | |
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 392

US-10-661-355-12
; Sequence 12, Application US/10661355
; Publication No. US20040170959A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 029849/0208
; CURRENT APPLICATION NUMBER: US/10/661,355
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide

US-10-661-355-12

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
| | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 393

US-10-661-355-15/c
; Sequence 15, Application US/10661355
; Publication No. US20040170959A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 029849/0208
; CURRENT APPLICATION NUMBER: US/10/661,355
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-355-15

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
| | | | | | | | | | | | | | | | | |
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 394

US-10-661-402-12
; Sequence 12, Application US/10661402
; Publication No. US20050153912A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING VIRAL FAMILIES
; FILE REFERENCE: 029849/0207
; CURRENT APPLICATION NUMBER: US/10/661,402
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic

OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-403-12

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 397

US-10-661-403-15/c
Sequence 15, Application US/10661403
Publication No. US20050176661A1
GENERAL INFORMATION:
APPLICANT: JUTEAU, JEAN-MARC
APPLICANT: VAILLANT, ANDREW
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REFERENCE: 029849/0202
CURRENT APPLICATION NUMBER: US/10/661,403
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
US-10-661-403-15

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 398

US-10-661-415-12
Sequence 12, Application US/10661415
Publication No. US20040229828A1
GENERAL INFORMATION:
APPLICANT: JUTEAU, JEAN-MARC
APPLICANT: VAILLANT, ANDREW
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING RSV
FILE REFERENCE: 029849/0205
CURRENT APPLICATION NUMBER: US/10/661,415
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: oligonucleotide
US-10-661-402-12

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 395

US-10-661-402-15/c
Sequence 15, Application US/10661402
Publication No. US20050153912A1
GENERAL INFORMATION:
APPLICANT: JUTEAU, JEAN-MARC
APPLICANT: VAILLANT, ANDREW
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING VIRAL FAMILIES
FILE REFERENCE: 029849/0207
CURRENT APPLICATION NUMBER: US/10/661,402
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide
US-10-661-402-15

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 396

US-10-661-403-12
Sequence 12, Application US/10661403
Publication No. US20050176661A1
GENERAL INFORMATION:
APPLICANT: JUTEAU, JEAN-MARC
APPLICANT: VAILLANT, ANDREW
TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
FILE REFERENCE: 029849/0202
CURRENT APPLICATION NUMBER: US/10/661,403
CURRENT FILING DATE: 2003-09-12
PRIOR APPLICATION NUMBER: PCT/IB03/04573
PRIOR FILING DATE: 2003-09-11
PRIOR APPLICATION NUMBER: 60/430,934
PRIOR FILING DATE: 2002-12-05
PRIOR APPLICATION NUMBER: 60/410,264
PRIOR FILING DATE: 2002-09-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-415-12

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 399
US-10-661-415-15/c
; Sequence 15, Application US/10661415
; Publication No. US2004022982A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-WARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING RSV
; FILE REFERENCE: 029849/0205
; CURRENT APPLICATION NUMBER: US/10/661,415
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-415-15

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 400
US-10-671-395-178/c
; Sequence 178, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 178
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
```

```
US-10-671-395-178

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 401
US-10-671-395-179/c
; Sequence 179, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 179
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-179

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 402
US-10-671-395-180/c
; Sequence 180, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 180
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-180

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
```



```
; CURRENT APPLICATION NUMBER: US/10/671,395.
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 185
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-185
```

```
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 408

```
US-10-671-395-186/c
; Sequence 186, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-186
```

```
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 409

```
US-10-671-395-187/c
; Sequence 187, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 187
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-187
```

```
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 410

```
US-10-671-395-188/c
; Sequence 188, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 188
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-188
```

```
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 411

```
US-10-671-395-189/c
; Sequence 189, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 189
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-189
```

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Tue Nov 7 10:41:37 2006

```
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 412
US-10-671-395-190/c
; Sequence 190, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 190
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-192

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 415
US-10-671-395-193/c
; Sequence 193, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 193
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-193

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 416
US-10-671-395-194/c
; Sequence 194, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 194
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-194

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 417
US-10-671-395-195/c
; Sequence 195, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 195
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-195

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 418
US-10-671-395-196/c
; Sequence 196, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
```

```
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 196
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-196

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 419
US-10-671-395-197/c
; Sequence 197, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 197
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-197

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 420
US-10-671-395-198/c
; Sequence 198, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 198
; LENGTH: 20
; TYPE: DNA
```

RESULT 423
US-10-671-395-201/c
; Sequence 201, Application US/10671395
: Publication No. US20040132063A1

: APPLICANT: Pharmacia Corp.
 : APPLICANT: Gierse, James K
 : TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
 : TITLE OF INVENTION: EXPRESSION

| | | | | |
|-----------------------|---------|--------------------|--------|---------------|
| Query Match | 0.7%; | Score 20; | DB 1; | Length 20; |
| Best Local Similarity | 100.0%; | Pred. No. 4.4e+02; | | |
| Mismatches | 20. | Conservative | 0; | Mismatches 0; |
| | | | Indels | 0; |
| | | | Gaps | 0; |

QY 2709 AAAAAAAAAAAAAAAAAA 2728
 |||||
 pH 20 AAAAAAAAAAAAAAAAAA 1

RESULT 424
US-10-671-395-202/c
; Sequence 202, Application US/10671395
; Publication No. US20040132063A1

| | | | | |
|-----------------------|---------|--------------------|-------|------------|
| Query Match | 0.7%; | Score 20; | DB 1; | Length 20; |
| Best Local Similarity | 100.0%; | Pred. No. 4.4e+02; | | |

```

QY      2709 AAAAAAAAAAAAAAAAAAAAAA 2728
          |||||
          20 AAAAAAAAAAAAAAAAAAAAAA 1

```

RESULT 425

US-10-671-395-203/c
; Sequence 203, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 203
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-203

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
|||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 426

US-10-671-395-204/c
; Sequence 204, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 204
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-204

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
|||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 427

US-10-671-395-205/c
; Sequence 205, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K

; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 205
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-205

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
|||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 428

US-10-671-395-206/c
; Sequence 206, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 206
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-206

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
|||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 429

US-10-671-395-207/c
; Sequence 207, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25

OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-262

```

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 2709 AAAAAAAAAAAAAAAAAA 2728
 |||
 db 20 AAAAAAAAAAAAAAAAAA 1

```

RESULT 432
US-10-671-395-274/C
; Sequence 274, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 274
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisenese
;
US-10-671-395-274

```

[illegible]

```

RESULT 433
US-10-671-395-275/c
; Sequence 275, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 275
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-275

```

```
Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 207
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-207

```

```

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY .2709 AAAAAAAAAAAAAAAAAA 2728
    |||
Db 20 AAAAAAAAAAAAAAAAAA 1

```

```

RESULT 430
US-10-671-395-208/c
; Sequence 208, Application US/10671395
; Publication No. US2004032063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 208
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-208

```

```

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

| | | | |
|----|------|----------------------|------|
| Qy | 2709 | AAAAAAAAAAAAAAAAAAAA | 2728 |
| | | | |
| St | 20 | AAAAAAAAAAAAAAAAAAAA | 1 |

```

RESULT 431
US-10-671-395-262/c
; Sequence 262, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierae, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 262
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
;

```

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
 Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 434

US-10-671-395-276/c
 ; Sequence 276, Application US/10671395
 ; Publication No. US20040132063A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Pharmacia Corp.
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
 ; FILE REFERENCE: 1179/1/US
 ; CURRENT APPLICATION NUMBER: US/10/671,395
 ; PRIOR FILING DATE: 2003-09-25
 ; PRIOR FILING DATE: 2002-09-25
 ; NUMBER OF SEQ ID NOS: 1809
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 276
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: artificial
 ; FEATURE:
 ; OTHER INFORMATION: Human PGE2 antisense
 US-10-671-395-276

Query Match 0.7%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 4.4e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
 Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 435

US-10-671-395-277/c
 ; Sequence 277, Application US/10671395
 ; Publication No. US20040132063A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Pharmacia Corp.
 ; APPLICANT: Gierse, James K
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
 ; FILE REFERENCE: 1179/1/US
 ; CURRENT APPLICATION NUMBER: US/10/671,395
 ; CURRENT FILING DATE: 2003-09-25
 ; PRIOR FILING DATE: 2002-09-25
 ; NUMBER OF SEQ ID NOS: 1809
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 277
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: artificial
 ; FEATURE:
 ; OTHER INFORMATION: Human PGE2 antisense
 US-10-671-395-277

Query Match 0.7%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 4.4e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
 Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 436

US-10-671-395-311/c

; Sequence 311, Application US/10671395
 ; Publication No. US20040132063A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Pharmacia Corp.
 ; APPLICANT: Gierse, James K
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
 ; FILE REFERENCE: 1179/1/US
 ; CURRENT APPLICATION NUMBER: US/10/671,395
 ; CURRENT FILING DATE: 2003-09-25
 ; PRIOR FILING DATE: 2002-09-25
 ; NUMBER OF SEQ ID NOS: 1809
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 311
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: artificial
 ; FEATURE:
 ; OTHER INFORMATION: Human PGE2 antisense
 US-10-671-395-311

Query Match 0.7%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 4.4e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
 Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 437

US-10-671-395-338/c
 ; Sequence 338, Application US/10671395
 ; Publication No. US20040132063A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Pharmacia Corp.
 ; APPLICANT: Gierse, James K
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
 ; FILE REFERENCE: 1179/1/US
 ; CURRENT APPLICATION NUMBER: US/10/671,395
 ; CURRENT FILING DATE: 2003-09-25
 ; PRIOR FILING DATE: 2002-09-25
 ; NUMBER OF SEQ ID NOS: 1809
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 338
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: artificial
 ; FEATURE:
 ; OTHER INFORMATION: Human PGE2 antisense
 US-10-671-395-338

Query Match 0.7%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 4.4e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
 Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 438

US-10-671-395-376/c
 ; Sequence 376, Application US/10671395
 ; Publication No. US20040132063A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Pharmacia Corp.
 ; APPLICANT: Gierse, James K
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
 ; FILE REFERENCE: 1179/1/US
 ; CURRENT APPLICATION NUMBER: US/10/671,395
 ; CURRENT FILING DATE: 2003-09-25
 ; PRIOR FILING DATE: 2002-09-25
 ; NUMBER OF SEQ ID NOS: 1809
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 376
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: artificial
 ; FEATURE:
 ; OTHER INFORMATION: Human PGE2 antisense
 US-10-671-395-376

Query Match 0.7%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 4.4e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Tue Nov 7 10:41:37 2006

```
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 376
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-376

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 439
US-10-671-395-403/c
; Sequence 403, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 403
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-403

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 440
US-10-671-395-427/c
; Sequence 427, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 427
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-427

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 441
US-10-671-395-444/c
; Sequence 444, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 444
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-444

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 442
US-10-671-395-487/c
; Sequence 487, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 487
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-487
```



```
; Query Match 0.7%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 4.4e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 443
US-10-671-395-575/c
; Sequence 575, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 575
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-575

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 444
US-10-690-276-153/c
; Sequence 153, Application US/10690276
; Publication No. US2005012118A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Cimbora, Daniel
; APPLICANT: Heichman, Karen
; APPLICANT: Bartel, Paul
; APPLICANT: Mauck, Kimberly
; APPLICANT: Bush, Angie
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING INFLAMMATORY DISORDERS
; FILE REFERENCE: 1834.01
; CURRENT APPLICATION NUMBER: US/10/690,276
; CURRENT FILING DATE: 2003-10-20
; PRIOR APPLICATION NUMBER: 09/727,384
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: 60/168,377
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: 60/168,379
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: 60/185,056
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: 10/035,344
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: 60/259,571
; PRIOR FILING DATE: 2001-01-04
; PRIOR APPLICATION NUMBER: 10/035,343
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: 60/259,572
; PRIOR FILING DATE: 2001-01-04
; PRIOR APPLICATION NUMBER: 10/099,924
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,179
; PRIOR FILING DATE: 2001-03-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 728
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-690-276-154
```

```
; PRIOR FILING DATE: 2001-01-04
; PRIOR APPLICATION NUMBER: 10/099,924
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,179
; PRIOR FILING DATE: 2001-03-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 728
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 153
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-690-276-153

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 647 GTAGCCCAACATGTCAGGGTG 666
Db 20 GTAGCCCAACATGTCAGGGTG 1

RESULT 445
US-10-690-276-154/c
; Sequence 154, Application US/10690276
; Publication No. US2005012118A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Cimbora, Daniel
; APPLICANT: Heichman, Karen
; APPLICANT: Bartel, Paul
; APPLICANT: Mauck, Kimberly
; APPLICANT: Bush, Angie
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING INFLAMMATORY DISORDERS
; FILE REFERENCE: 1834.01
; CURRENT APPLICATION NUMBER: US/10/690,276
; CURRENT FILING DATE: 2003-10-20
; PRIOR APPLICATION NUMBER: 09/727,384
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: 60/168,377
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: 60/168,379
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: 60/185,056
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: 10/035,344
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: 60/259,571
; PRIOR FILING DATE: 2001-01-04
; PRIOR APPLICATION NUMBER: 10/035,343
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: 60/259,572
; PRIOR FILING DATE: 2001-01-04
; PRIOR APPLICATION NUMBER: 10/099,924
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,179
; PRIOR FILING DATE: 2001-03-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 728
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 154
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-690-276-154

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 645 CAGTAGCCCAACATGTCAGGG 664
Db 20 CAGTAGCCCAACATGTCAGGG 1
```

```

Db      20  CAGTAGCCACATGTCAGG 1

RESULT 446
US-10-690-276-155/c
; Sequence 155, Application US/10690276
; Publication No. US20050112118A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics, Incorporated
; APPLICANT: Cimbara, Daniel
; APPLICANT: Heichman, Karen
; APPLICANT: Bartel, Paul
; APPLICANT: Mauck, Kimberly
; APPLICANT: Bush, Angie
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING INFLAMMATORY DISORDERS
; FILE REFERENCE: 1834.01
; CURRENT APPLICATION NUMBER: US/10/690,276
; CURRENT FILING DATE: 2003-10-20
; PRIOR APPLICATION NUMBER: 09/727,384
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: 60/168,377
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: 60/168,379
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: 60/185,056
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: 10/035,344
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: 60/259,571
; PRIOR FILING DATE: 2001-01-04
; PRIOR APPLICATION NUMBER: 10/035,343
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: 60/259,572
; PRIOR FILING DATE: 2001-01-04
; PRIOR APPLICATION NUMBER: 10/099,924
; PRIOR FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,179
; PRIOR FILING DATE: 2001-03-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 728
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 155
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-690-276-155

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      643  AGCAGTAGCCACATGTCAG 662
Db      20  AGCAGTAGCCACATGTCAG 1

RESULT 447
US-10-716-829-55
; Sequence 55, Application US/10716829
; Publication No. US20040110220A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 00-715-A
; CURRENT APPLICATION NUMBER: US/10/716,829
; CURRENT FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: US/09/760,500A

```

```
; Sequence 22, Application US/10789831
; Publication No. US20050130174A1
; GENERAL INFORMATION:
; APPLICANT: Bao, Yijia P.
; TITLE OF INVENTION: LABEL-FREE GENE EXPRESSION PROFILING WITH UNIVERSAL NANOPARTICLE
; FILE REFERENCE: 03-214-A
; CURRENT APPLICATION NUMBER: US/10/789,831
; PRIOR FILING DATE: 2004-02-27
; PRIOR APPLICATION NUMBER: US 60/450,268
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: detection probe
; NAME/KEY: unsure
; LOCATION: (1)..(1)
; OTHER INFORMATION: a comprises an epiandrosterone disulfide group
US-10-789-831-22

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 450
US-10-789-831-23/c
; Sequence 23, Application US/10789831
; Publication No. US20050130174A1
; GENERAL INFORMATION:
; APPLICANT: Bao, Yijia P.
; TITLE OF INVENTION: LABEL-FREE GENE EXPRESSION PROFILING WITH UNIVERSAL NANOPARTICLE
; FILE REFERENCE: 03-214-A
; CURRENT APPLICATION NUMBER: US/10/789,831
; PRIOR FILING DATE: 2004-02-27
; PRIOR APPLICATION NUMBER: US 60/450,268
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: detection probe
; NAME/KEY: unsure
; LOCATION: (1)..(1)
; OTHER INFORMATION: t comprises an epiandrosterone disulfide group
US-10-789-831-23

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 451
US-10-789-831-23/c
; Sequence 23, Application US/10789831
; Publication No. US20050130174A1
; GENERAL INFORMATION:
; APPLICANT: Bao, Yijia P.
; TITLE OF INVENTION: LABEL-FREE GENE EXPRESSION PROFILING WITH UNIVERSAL NANOPARTICLE
; FILE REFERENCE: 03-214-A
; CURRENT APPLICATION NUMBER: US/10/789,831
; PRIOR FILING DATE: 2004-02-27
; PRIOR APPLICATION NUMBER: US 60/450,268
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: detection probe
; NAME/KEY: unsure
; LOCATION: (1)..(1)
; OTHER INFORMATION: t comprises an epiandrosterone disulfide group
US-10-789-831-23

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 452
US-10-831-778-226/c
; Sequence 226, Application US/10831778
; Publication No. US20040235774A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/831,778
; CURRENT FILING DATE: 2004-04-23
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-831-778-226

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 453
US-10-831-778-556/c
; Sequence 556, Application US/10831778
; Publication No. US20040235774A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
```

```
US-10-789-831-24
; Sequence 24, Application US/10789831
; Publication No. US20050130174A1
; GENERAL INFORMATION:
; APPLICANT: Bao, Yijia P.
; APPLICANT: Muller, Uwe R.
; TITLE OF INVENTION: LABEL-FREE GENE EXPRESSION PROFILING WITH UNIVERSAL NANOPARTICLE
; FILE REFERENCE: 03-214-A
; CURRENT APPLICATION NUMBER: US/10/789,831
; CURRENT FILING DATE: 2004-02-27
; PRIOR APPLICATION NUMBER: US 60/450,268
; PRIOR FILING DATE: 2003-02-27
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: detection probe
US-10-789-831-24

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 452
US-10-831-778-226/c
; Sequence 226, Application US/10831778
; Publication No. US20040235774A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/831,778
; CURRENT FILING DATE: 2004-04-23
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-831-778-226

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 453
US-10-831-778-556/c
; Sequence 556, Application US/10831778
; Publication No. US20040235774A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
```

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; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/831,778
; CURRENT FILING DATE: 2004-04-23
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-831-778-556

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 454
US-10-831-778-560
; Sequence 560, Application US/10831778
; Publication No. US20040235774A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/831,778
; CURRENT FILING DATE: 2004-04-23
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 560
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-831-778-560

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 455
US-10-831-901A-29732/C
; Sequence 29732, Application US/10831901A
; Publication No. US20050100885A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Freier, Susan M.
; APPLICANT: Massire, Christian
; APPLICANT: Hofstadler, Steven A.
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Acute Respiratory Syndrome (SARS)
; FILE REFERENCE: ISIS0083-100 (BIOL0008US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 60/468,627
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29732
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-29732

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 456
US-10-831-901A-29733/C
; Sequence 29733, Application US/10831901A
; Publication No. US20050100885A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Freier, Susan M.
; APPLICANT: Massire, Christian
; APPLICANT: Hofstadler, Steven A.
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Acute Respiratory Syndrome (SARS)
; FILE REFERENCE: ISIS0083-100 (BIOL0008US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 60/468,627
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29733
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-29733
```

```
; SEQ ID NO 29733
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-29733

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 457
US-10-831-901A-29734/c
; Sequence 29734, Application US/10831901A
; Publication No. US20050100885A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Freier, Susan M.
; APPLICANT: Massire, Christian
; APPLICANT: Hofstadler, Steven A.
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Compositions And Methods For The Treatment Of Severe
; TITLE OF INVENTION: Acute Respiratory Syndrome (SARS)
; FILE REFERENCE: ISIS0083-100 (BIOL0008US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 60/468,627
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; PRIOR FILING DATE: 2003-06-27
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 29735
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-29735

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 459
US-10-831-901A-29736/c
; Sequence 29736, Application US/10831901A
; Publication No. US20050100885A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Freier, Susan M.
; APPLICANT: Massire, Christian
; APPLICANT: Hofstadler, Steven A.
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Compositions And Methods For The Treatment Of Severe
; TITLE OF INVENTION: Acute Respiratory Syndrome (SARS)
; FILE REFERENCE: ISIS0083-100 (BIOL0008US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 60/468,627
```

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```
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; PRIOR FILING DATE: 2003-06-27
; NUMBER OF SEQ ID NOS: 3063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29736
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-29736

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    ||||||||||||||||||
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 460
US-10-847-502-10/c
; Sequence 10, Application US/10847502
; Publication No. US20050165226A1
; GENERAL INFORMATION:
; APPLICANT: Cole, Douglas L.
; APPLICANT: Ravikumar, Vasulunga T.
; TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4709
; CURRENT APPLICATION NUMBER: US/10/847,502
; CURRENT FILING DATE: 2004-05-17
; PRIOR APPLICATION NUMBER: US/10/181,200
; PRIOR FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: PCT/US01/00715
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: US 09/481,486
; PRIOR FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-O-methoxyethyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: phosphorothioate 20-mer
US-10-847-502-10
```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    ||||||||||||||||||
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 461
US-10-847-502-15/c
; Sequence 15, Application US/10847502
; Publication No. US20050165226A1
```

```
GENERAL INFORMATION:
; APPLICANT: Cole, Douglas L.
; APPLICANT: Ravikumar, Vasulunga T.
; APPLICANT: Cheruvallath, Zacharia S.
; TITLE OF INVENTION: IMPROVED SYNTHESIS OF SULFURIZED OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-4709
; CURRENT APPLICATION NUMBER: US/10/847,502
; CURRENT FILING DATE: 2004-05-17
; PRIOR APPLICATION NUMBER: US/10/181,200
; PRIOR FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: PCT/US01/00715
; PRIOR FILING DATE: 2001-01-10
; PRIOR APPLICATION NUMBER: US 09/481,486
; PRIOR FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: 2'-O-methyl
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
; OTHER INFORMATION: phosphorothioate 20-mer
US-10-847-502-15
```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    ||||||||||||||||||
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 462
US-10-876-086-49/c
; Sequence 49, Application US/10876086
; Publication No. US20050066389A1
; GENERAL INFORMATION:
; APPLICANT: Gallie, Daniel R.
; APPLICANT: Young, Todd E.
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Genes Which Produce Staygreen Characteristics in Maize
; FILE REFERENCE: 023070-137010US
; CURRENT APPLICATION NUMBER: US/10/876,086
; CURRENT FILING DATE: 2004-06-23
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligo-dt(20)
; OTHER INFORMATION: primer
US-10-876-086-49
```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    ||||||||||||||||||
DB 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 463
US-10-969-812A-11
; Sequence 11, Application US/10969812A
; Publication No. US20050196382A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, Andrew
; APPLICANT: JUTEAU, Jean-Marc
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING VIRAL FAMILIES
; FILE REFERENCE: 16051-11us
; CURRENT APPLICATION NUMBER: US/10/969,812A
; CURRENT FILING DATE: 2004-10-19
; PRIOR FILING DATE: 2003-09-12
; PRIOR FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: US 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: US 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-969-812A-11

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 464
US-10-969-812A-14/c
; Sequence 14, Application US/10969812A
; Publication No. US20050196382A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, Andrew
; APPLICANT: JUTEAU, Jean-Marc
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING VIRAL FAMILIES
; FILE REFERENCE: 16051-11us
; CURRENT APPLICATION NUMBER: US/10/969,812A
; CURRENT FILING DATE: 2004-10-19
; PRIOR FILING DATE: 2003-09-12
; PRIOR FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: US 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: US 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-969-812A-14

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
```

```
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 465
US-10-989-723-23/c
; Sequence 23, Application US/10989723
; Publication No. US2005025548A1
; GENERAL INFORMATION:
; APPLICANT: Lipovsek, Dasa
; APPLICANT: Wagner, Richard W.
; APPLICANT: Kuimelis, Robert G.
; TITLE OF INVENTION: PROTEIN SCAFFOLDS FOR ANTIBODY MIMICS
; TITLE OF INVENTION: AND OTHER BINDING PROTEINS
; FILE REFERENCE: COTH-P05-507
; CURRENT APPLICATION NUMBER: US/10/989,723
; CURRENT FILING DATE: 2004-11-15
; PRIOR APPLICATION NUMBER: US 09/515,260
; PRIOR FILING DATE: 2000-02-29
; PRIOR APPLICATION NUMBER: US 09/456,693
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: US 60/111,737
; PRIOR FILING DATE: 1998-12-10
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-10-989-723-23

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 466
US-10-995-051-23/c
; Sequence 23, Application US/10995051
; Publication No. US2005025009A1
; GENERAL INFORMATION:
; APPLICANT: Strohoff, James
; APPLICANT: Lucas, Adam
; APPLICANT: Muller, Uwe
; APPLICANT: Bao, Yijia P
; TITLE OF INVENTION: Method for Detecting Analytes Based on Evanescent Illumination
; TITLE OF INVENTION: and Scatter-Based Detection of Nanoparticle Probe Complexes
; FILE REFERENCE: MHB-03-466-E
; CURRENT APPLICATION NUMBER: US/10/995,051
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: 10/854,848
; PRIOR FILING DATE: 2004-05-27
; PRIOR APPLICATION NUMBER: 60/474,569
; PRIOR FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: 60/499,034
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: 60/517,450
; PRIOR FILING DATE: 2003-11-04
; PRIOR APPLICATION NUMBER: 60/567,874
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
```

Tue Nov 7 10:41:37 2006

```

; OTHER INFORMATION: T20 oligonucleotide
US-10-995-051-23

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 467
US-10-995-051-26/c
; Sequence 26, Application US/10995051
; Publication No. US20050250094A1
; GENERAL INFORMATION:
; APPLICANT: Storhoff, James
; APPLICANT: Lucas, Adam
; APPLICANT: Muller, Uwe
; APPLICANT: Bao, Yijia P
; TITLE OF INVENTION: Method for Detecting Analytes Based on Evanescent Illumination
; FILE REFERENCE: MBHB-03-466-E
; CURRENT APPLICATION NUMBER: US/10/995,051
; CURRENT FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: 10/854,848
; PRIOR FILING DATE: 2004-05-27
; PRIOR APPLICATION NUMBER: 60/474,569
; PRIOR FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: 60/499,034
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: 60/517,450
; PRIOR FILING DATE: 2003-11-04
; PRIOR APPLICATION NUMBER: 60/567,874
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: t is linked to a steroid
US-10-995-051-26

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 468
US-10-995-051-31
; Sequence 31, Application US/10995051
; Publication No. US20050250094A1
; GENERAL INFORMATION:
; APPLICANT: Storhoff, James
; APPLICANT: Lucas, Adam
; APPLICANT: Muller, Uwe
; APPLICANT: Bao, Yijia P
; TITLE OF INVENTION: Method for Detecting Analytes Based on Evanescent Illumination
; FILE REFERENCE: MBHB-03-466-E
; CURRENT APPLICATION NUMBER: US/10/995,051
; CURRENT FILING DATE: 2004-11-22

```

```

; PRIOR APPLICATION NUMBER: 10/854,848
; PRIOR FILING DATE: 2004-05-27
; PRIOR APPLICATION NUMBER: 60/474,569
; PRIOR FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: 60/499,034
; PRIOR FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: 60/517,450
; PRIOR FILING DATE: 2003-11-04
; PRIOR APPLICATION NUMBER: 60/567,874
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Deoxyadenosine Spacer
US-10-995-051-31

Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 469
US-11-050-983-55
; Sequence 55, Application US/11050983
; Publication No. US2006068378A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/11/050,983
; CURRENT FILING DATE: 2005-02-04
; PRIOR APPLICATION NUMBER: US/10/008,978
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 55

```



```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-11-050-983-55
```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 470
US-11-050-983-70
; Sequence 70, Application US/11050983
; Publication No. US20060068378A1
; GENERAL INFORMATION:
; APPLICANT: Mirkin, Chad A.
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Mucic, Robert C.
; APPLICANT: Storhoff, James J.
; APPLICANT: Elghanian, Robert
; APPLICANT: Taton, Thomas A.
; APPLICANT: Garimella, Viswanadham
; APPLICANT: Li, Zhi
; APPLICANT: Park, So-Jung
; APPLICANT: Lu, Gang
; TITLE OF INVENTION: NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
; FILE REFERENCE: 00-1272-C
; CURRENT APPLICATION NUMBER: US/11/050,983
; CURRENT FILING DATE: 2005-02-04
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US/10/008,978
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: 09/927,777
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 09/820,279
; PRIOR FILING DATE: 2001-03-28
; PRIOR APPLICATION NUMBER: 09/760,500
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/603,830
; PRIOR FILING DATE: 2000-06-26
; PRIOR APPLICATION NUMBER: 09/344,667
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: 09/240,755
; PRIOR FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: PCT/US97/12783
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 60/031,809
; PRIOR FILING DATE: 1996-07-29
; PRIOR APPLICATION NUMBER: 60/176,409
; PRIOR FILING DATE: 2000-01-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: Microsoft Word 2000
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:random
; OTHER INFORMATION: synthetic sequence
US-11-050-983-70
```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
```

```
RESULT 471
US-11-066-434-7/c
; Sequence 7, Application US/11066434
; Publication No. US20050254998A1
; GENERAL INFORMATION:
; APPLICANT: Ebara Corporation
; TITLE OF INVENTION: REACTIVE DETECTION CHIP AND SPOTTER SUITABLE FOR MANUFACTURING
; FILE REFERENCE: FP/E-6-883US
; CURRENT APPLICATION NUMBER: US/11/066,434
; CURRENT FILING DATE: 2005-02-28
; NUMBER OF SEQ ID NOS: 7
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe for microchip
US-11-066-434-7
```

```
Query Match          0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 472
US-11-075-234-185/c
; Sequence 185, Application US/11075234
; Publication No. US20050222029A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics
; APPLICANT: Bartel, Paul
; APPLICANT: Cimborra, Daniel
; APPLICANT: Sugiyama, Janice
; APPLICANT: Wettstein, Daniel A
; APPLICANT: Heichman, Karen
; TITLE OF INVENTION: Compositions and Methods for Treating Diseases
; FILE REFERENCE: 1835.01
; CURRENT APPLICATION NUMBER: US/11/075,234
; CURRENT FILING DATE: 2005-03-08
; PRIOR APPLICATION NUMBER: US 10/135802
; PRIOR FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: US 10/035344
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: US 10/098979
; PRIOR FILING DATE: 2002-03-13
; PRIOR APPLICATION NUMBER: US 10/099924
; PRIOR FILING DATE: 2002-04-14
; PRIOR APPLICATION NUMBER: US 10/122573
; PRIOR FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: US 10/124550
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 10/124767
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 10/125639
; PRIOR FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: US 10/100503
; PRIOR FILING DATE: 2002-04-18
; NUMBER OF SEQ ID NOS: 469
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 185
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-11-075-234-185
```

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 650 GCCAACATGTCAGGGTGGGA 669
|||||
Db 20 GCCAACATGTCAGGGTGGGA 1

RESULT 473

US-11-075-234-186/c
; Sequence 186, Application US/11075234
; Publication No. US2005022029A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics
; APPLICANT: Bartel, Paul
; APPLICANT: Cimbor, Daniel
; APPLICANT: Sugiyama, Janice
; APPLICANT: Wettstein, Daniel A
; APPLICANT: Heichman, Karen
; TITLE OF INVENTION: Compositions and Methods for Treating Diseases
; FILE REFERENCE: 1835.01
; CURRENT APPLICATION NUMBER: US/11/075,234
; CURRENT FILING DATE: 2005-03-08
; PRIOR APPLICATION NUMBER: US 10/135802
; PRIOR FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: US 10/035344
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: US 10/098979
; PRIOR FILING DATE: 2002-03-13
; PRIOR APPLICATION NUMBER: US 10/099924
; PRIOR FILING DATE: 2002-04-14
; PRIOR APPLICATION NUMBER: US 10/122573
; PRIOR FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: US 10/124550
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 10/124767
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 10/125639
; PRIOR FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: US 10/100503
; PRIOR FILING DATE: 2002-04-18
; NUMBER OF SEQ ID NOS: 469
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens

US-11-075-234-186
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 648 TAGCCAAACATGTCAGGGTGG 667
|||||
Db 20 TAGCCAAACATGTCAGGGTGG 1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics
; APPLICANT: Bartel, Paul
; APPLICANT: Cimbor, Daniel
; APPLICANT: Sugiyama, Janice
; APPLICANT: Wettstein, Daniel A
; APPLICANT: Heichman, Karen
; TITLE OF INVENTION: Compositions and Methods for Treating Diseases
; FILE REFERENCE: 1835.01
; CURRENT APPLICATION NUMBER: US/11/075,234
; CURRENT FILING DATE: 2005-03-08
; PRIOR APPLICATION NUMBER: US 10/135802
; PRIOR FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: US 10/035344
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: US 10/098979
; PRIOR FILING DATE: 2002-03-13
; PRIOR APPLICATION NUMBER: US 10/099924
; PRIOR FILING DATE: 2002-04-14
; PRIOR APPLICATION NUMBER: US 10/122573
; PRIOR FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: US 10/124550
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 10/124767
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 10/125639
; PRIOR FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: US 10/100503
; PRIOR FILING DATE: 2002-04-18
; NUMBER OF SEQ ID NOS: 469
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 186
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens

US-11-075-234-186

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 648 TAGCCAAACATGTCAGGGTGG 667
|||||
Db 20 TAGCCAAACATGTCAGGGTGG 1

RESULT 474

US-11-075-234-187/c
; Sequence 187, Application US/11075234
; Publication No. US2005022029A1
; GENERAL INFORMATION:
; APPLICANT: Myriad Genetics
; APPLICANT: Bartel, Paul
; APPLICANT: Cimbor, Daniel
; APPLICANT: Sugiyama, Janice
; APPLICANT: Wettstein, Daniel A
; APPLICANT: Heichman, Karen
; TITLE OF INVENTION: Compositions and Methods for Treating Diseases
; FILE REFERENCE: 1835.01

; CURRENT APPLICATION NUMBER: US/11/075,234
; CURRENT FILING DATE: 2005-03-08
; PRIOR APPLICATION NUMBER: US 10/135802
; PRIOR FILING DATE: 2002-04-29
; PRIOR APPLICATION NUMBER: US 10/035344
; PRIOR FILING DATE: 2002-01-04
; PRIOR APPLICATION NUMBER: US 10/098979
; PRIOR FILING DATE: 2002-03-13
; PRIOR APPLICATION NUMBER: US 10/099924
; PRIOR FILING DATE: 2002-04-14
; PRIOR APPLICATION NUMBER: US 10/122573
; PRIOR FILING DATE: 2002-04-15
; PRIOR APPLICATION NUMBER: US 10/124550
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 10/124767
; PRIOR FILING DATE: 2002-04-17
; PRIOR APPLICATION NUMBER: US 10/125639
; PRIOR FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: US 10/100503
; PRIOR FILING DATE: 2002-04-18
; NUMBER OF SEQ ID NOS: 469
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 187
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens

US-11-075-234-187

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 646 AGTAGCCAAACATGTCAGGGT 665
|||||
Db 20 AGTAGCCAAACATGTCAGGGT 1

RESULT 475

US-11-081-880A-1/c
; Sequence 1, Application US/11081880A
; Publication No. US20060041115A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulunga
; TITLE OF INVENTION: METHODS FOR PREPARING OLIGONUCLEOTIDES
; TITLE OF INVENTION: HAVING CHIRAL PHOSPHOROTHIOMATE LINKAGES
; FILE REFERENCE: IS18-5588
; CURRENT APPLICATION NUMBER: US/11/081,880A
; CURRENT FILING DATE: 2005-03-15
; PRIOR APPLICATION NUMBER: 10/932,630
; PRIOR FILING DATE: 2004-09-02
; PRIOR APPLICATION NUMBER: 09/881,535
; PRIOR FILING DATE: 2001-06-14
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Compound

US-11-081-880A-1

Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
|||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 476

US-11-083-210-1/c

```

; Sequence 1, Application US/11093210
; Publication No. US2005023360A1
; GENERAL INFORMATION:
; APPLICANT: Davies, Martin
; APPLICANT: Bruce, Ian
; APPLICANT: Drives, Martin
; APPLICANT: Wolter, Andreas
; TITLE OF INVENTION: NUCLEIC ACID POLYMERIZATION
; TITLE OF INVENTION: NUCLEIC ACID ANALYSES
; FILE REFERENCE: PRO.07
; CURRENT APPLICATION NUMBER: US/11/
; CURRENT FILING DATE: 2005-03-16
; PRIOR APPLICATION NUMBER: US/10/27
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: 60/336,4
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
US-11-093-210-1

```

| | | | | |
|-----------------------|-----------------|--------------------|-----------|------------|
| Query Match | 0.7% | Score 20; | DB 1; | Length 20; |
| Best Local Similarity | 100.0% | Pred. No. 4.4e+02; | | |
| Matches 20; | Conservative 0; | Mismatches 0; | Indels 0; | Gaps 0; |

RESULT 477

```

US-11-121-165A-10/c
/ Sequence 10, Application US/111211165A
/ Publication No. US20060014172A1
/ GENERAL INFORMATION:
/ APPLICANT: Nanosphere, Inc
/ APPLICANT: Muller, Uwe
/ APPLICANT: Storhoff, James J
/ APPLICANT: Senical, Michael J
/ APPLICANT: Garimella, Viswanadham
/ TITLE OF INVENTION: Aptamer-Nanoparticle
/ TITLE OF INVENTION: Analyte Detection
/ FILE REFERENCE: 04-060-A
/ CURRENT APPLICATION NUMBER: US/11/121-165A-10/c
/ CURRENT FILING DATE: 2005-05-03
/ PRIOR APPLICATION NUMBER: 10/995,051
/ PRIOR FILING DATE: 2004-11-22
/ PRIOR APPLICATION NUMBER: 60/567,874
/ PRIOR FILING DATE: 2004-05-03
/ NUMBER OF SEQ ID NOS: 11
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 10
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic sequence
US-11-121-165A-10

```

| | | | | |
|-----------------------|-----------------|--------------------|-----------|------------|
| Query Match | 0.7%; | Score 20; | DB 1; | Length 20; |
| Best Local Similarity | 100.0%; | Pred. No. 4.4e+02; | | |
| Matches 20; | Conservative 0; | Mismatches 0; | Indels 0; | Gaps 0; |

RESULT 478

```

US-11-121-165A-7
; Sequence 7, Application US/11121165A
; Publication No. US20060014172A1
; GENERAL INFORMATION:
; APPLICANT: Nanosphere, Inc
; APPLICANT: Muller Uwe
; APPLICANT: Stornhoff, James J
; APPLICANT: Senical, Michael J
; APPLICANT: Garimella, Viswanadham
; TITLE OF INVENTION: Aptamer-Nanoparticle Conjugates and Method of Use For Target
; TITLE OF INVENTION: Analyte Detection
; FILE REFERENCE: 04-060-A
; CURRENT APPLICATION NUMBER: US/11/121,165A
; CURRENT FILING DATE: 2005-05-03
; PRIOR APPLICATION NUMBER: 10/995,051
; PRIOR FILING DATE: 2004-11-22
; PRIOR APPLICATION NUMBER: 60/567,874
; PRIOR FILING DATE: 2004-05-03
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic poly-A oligonucleotide
US-11-121-165A-7

```

| | | | | |
|-----------------------|-----------------|--------------------|-----------|------------|
| Query Match | 0.7%; | Score 20; | DB 1; | Length 20; |
| Best Local Similarity | 100.0%; | Pred. No. 4.4e+02; | | |
| Matches 20; | Conservative 0; | Mismatches 0; | Indels 0; | Gaps 0; |

RESULT 479

```

US-11-127-654-218/c
; Sequence 218, Application US/11127654
; Publication No. US20050250726A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC
; FILE OF INVENTION: INFLAMMATORY DISEASES
; FILE REFERENCE: C1039.70060US01
; CURRENT APPLICATION NUMBER: US/11/127,654
; CURRENT FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: US 10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 218
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-127-654-218

```

```

Query Match      0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. NO. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
    |||||
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

```

US-11-237-922-25/c
; Sequence 25, Application US/11237922
; Publication No. US20060068436A1
; GENERAL INFORMATION:
; APPLICANT: RASHTCHIAN, AYOUB
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
; FILE REFERENCE: 38266-0011
; CURRENT APPLICATION NUMBER: US/11/237,922
; CURRENT FILING DATE: 2005-09-29
; PRIOR APPLICATION NUMBER: US/10/653,416
; PRIOR FILING DATE: 2003-09-03
; PRIOR APPLICATION NUMBER: 60/407,248
; PRIOR FILING DATE: 2002-09-03
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn ver. 3.2
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-11-237-922-25
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
RESULT 483
US-09-912-014-2
; Sequence 2, Application US/09912014
; Publication No. US20030059929A1
; GENERAL INFORMATION:
; APPLICANT: Heller, Michael J.; and Tu, Eugene
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING
; MICROELECTRONIC SYSTEMS AND DEVICES FOR
; MOLECULAR BIOLOGICAL ANALYSIS AND
; DIAGNOSTICS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 611 West Sixth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90017
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM compatible
; OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
; SOFTWARE: WordPerfect (Version 5.1)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/912,014
; FILING DATE: 24-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/146,504
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 203/218
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2:

US-11-127-654-533/c
; Sequence 533, Application US/11127654
; Publication No. US20050250726A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC
; TITLE OF INVENTION: INFLAMMATORY DISEASES
; FILE REFERENCE: C1039.70060US01
; CURRENT APPLICATION NUMBER: US/11/127,654
; CURRENT FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: US 10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 533
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-127-654-533
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1
RESULT 481
US-11-127-654-537
; Sequence 537, Application US/11127654
; Publication No. US20050250726A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC
; TITLE OF INVENTION: INFLAMMATORY DISEASES
; FILE REFERENCE: C1039.70060US01
; CURRENT APPLICATION NUMBER: US/11/127,654
; CURRENT FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: US 10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 537
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-127-654-537
Query Match 0.7%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20
RESULT 482

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-912-014-2

Query Match          0.7%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAAAA 20

RESULT 484
US-09-997-672-41/c
; Sequence 41, Application US/09997672
; Publication No. US20030061632A1
; GENERAL INFORMATION:
; APPLICANT: Weterings, Koen
; APPLICANT: Apyva, Nestor R.
; APPLICANT: Tatrinova, Tatiana
; APPLICANT: Goldberg, Robert B.
; APPLICANT: The Regents of the University of California
; APPLICANT: Ceres, Inc.
; TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription
; FILE REFERENCE: 023070-115810US
; CURRENT APPLICATION NUMBER: US/09/997,672
; CURRENT FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 60/253,672
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:dt-20dn
; NAME/KEY: modified_base
; LOCATION: (21)
; OTHER INFORMATION: n = g, c, a or t
US-09-997-672-41

Query Match          0.7%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 20 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 485
US-10-096-221-4
; Sequence 4, Application US/10096221
; Publication No. US20020164628A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 492692000700
; CURRENT APPLICATION NUMBER: US/10/096,221
; CURRENT FILING DATE: 2002-06-27
; PRIOR APPLICATION NUMBER: US 60/274,236
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 21

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-100-321-23

Query Match          0.7%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 2 AAAAAAAAAAAAAAAAAAAAAA 21

RESULT 486
US-10-100-321-23
; Sequence 23, Application US/10100321
; Publication No. US20030087251A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 492692000500
; CURRENT APPLICATION NUMBER: US/10/100,321
; CURRENT FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-100-321-23

Query Match          0.7%; Score 20; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 4.2e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 2 AAAAAAAAAAAAAAAAAAAAAA 21

RESULT 487
US-10-170-172-2
; Sequence 2, Application US/10170172
; Publication No. US20030190632A1
; GENERAL INFORMATION:
; APPLICANT: SOSNOWSKI, RONALD G
; APPLICANT: BUTLER, WILLIAM F
; APPLICANT: TU, EUGENE
; APPLICANT: NERENBERG, MICHAEL I
; APPLICANT: HELLER, MICHAEL J
; APPLICANT: EDMAN, CARL F
; TITLE OF INVENTION: SELF-ADDRESSABLE SELF-ASSEMBLING MICROELECTRONIC
; TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,
; TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL
; TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194
; CURRENT APPLICATION NUMBER: US/10/170,172
; CURRENT FILING DATE: 2002-06-11
```

US-10-371-066-2

RESULT 497


```

; APPLICANT: Nicolaides, Nicholas
; APPLICANT: Sass, Philip
; APPLICANT: Grasso, Luigi
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: A METHOD FOR GENERATING HYPERMUTABLE
; TITLE OF INVENTION: ORGANISMS
; FILE REFERENCE: 01107.00138
; CURRENT APPLICATION NUMBER: US/10/873,114
; CURRENT FILING DATE: 2004-06-23
; PRIOR APPLICATION NUMBER: US/09/853,646
; PRIOR FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: 60/204,769
; PRIOR FILING DATE: 2000-05-17
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Recombinant DNA
US-10-873-114-4

```

```

Query Match          0.7%; Score 20; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 3.7e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2728
Db 6 AAAAAAAAAAAAAAAAAAAAAA 25

```

RESULT 500

```

US-11-099-683-51/c
; Sequence 51, Application US/11099683
; Publication No. US20060019916A1
; GENERAL INFORMATION:
; APPLICANT: Krieger, Arthur
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR INDUCING IL-10 RESPONSES
; FILE REFERENCE: C1037.70047US01
; CURRENT APPLICATION NUMBER: US/11/099,683
; CURRENT FILING DATE: 2005-04-04
; PRIOR APPLICATION NUMBER: US 60/558,951
; PRIOR FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 51
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(23)
; OTHER INFORMATION: where the linkages between bases are phosphorothioate linkages
US-11-099-683-51

```

```

Query Match          0.7%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 4.1e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2731
Db 23 AAAAAAAAAAAACGAAAAAAAAAA 1

```

RESULT 501

```

US-10-418-182-106/c
; Sequence 106, Application US/10418182
; Publication No. US20030228302A1

```

```

; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551-2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 106
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-106

```

```

Query Match          0.7%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 4.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2729
Db 21 AAAAAAAAAAGAAAAAAAAAAAA 1

```

RESULT 502

```

US-09-853-526-10/c
; Sequence 10, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPICP
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..24
; OTHER INFORMATION: primer oligonucleotide PGR132
US-09-853-526-10

```

```

Query Match          0.7%; Score 19.4; DB 1; Length 24;
Best Local Similarity 95.2%; Pred. No. 4.2e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
Db 21 TCAAAAAAAAAAAAAAAAAAAAAA 1

```

RESULT 503

```

US-09-901-484A-10/c
; Sequence 10, Application US/09901484A
; Patent No. US20020119460A1

```

Tue Nov 7 10:41:37 2006

```

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bouguetel, Lydia
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T111XC3D2
; CURRENT APPLICATION NUMBER: US/09/901,484A
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(24)
; OTHER INFORMATION: primer oligonucleotide PGRT32
US-09-901-484A-10

Query Match          0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 95.2%; Pred. No. 4.2e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2728
Db 21 TCAAAAAAAAAAAAAAAAAAAAAA 1

RESULT 504
US-09-776-479-60/c
; Sequence 60, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouton, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 60
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-60

Query Match          0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAACAAAAAAAAAAAAAAAACAA 1

RESULT 507
US-10-309-775A-21/c
; Sequence 21, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327

```

```

RESULT 505
US-10-017-995-60/c
; Sequence 60, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 60
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-60

Query Match          0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAACAAAAAAAAAAAAAAAACAA 1

RESULT 506
US-10-112-653-54/c
; Sequence 54, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 54
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-54

Query Match          0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAACAAAAAAAAAAAAAAAACAA 1

RESULT 507
US-10-309-775A-21/c
; Sequence 21, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327

```

```
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-21
```

```
Query Match      0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
      ||||| ||||| ||||| |||||
Db 24 AAAAAAAAAAAAAAAAAACAAATGAA 1
```

RESULT 508

```
US-10-309-775A-22/c
; Sequence 22, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-22
```

```
Query Match      0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
      ||||| ||||| ||||| |||||
Db 24 AAAAAAAAAAAAAAAAAACAAATGAA 1
```

RESULT 509

```
US-10-309-775A-23/c
; Sequence 23, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: PCR primer
US-10-309-775A-23
```

```
Query Match      0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
      ||||| ||||| ||||| |||||
Db 24 AAAAAAAAAAAAAAAAAACAAATGAA 1
```

RESULT 510

```
US-10-309-775A-24/c
; Sequence 24, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-24
```

```
Query Match      0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
      ||||| ||||| ||||| |||||
Db 24 AAAAAAAAAAAAAAAAAACAAATGAA 1
```

RESULT 511

```
US-10-309-775A-25/c
; Sequence 25, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-25
```

```
Query Match      0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
      ||||| ||||| ||||| |||||
Db 24 AAAAAAAAAAAAAAAAAACAAATGAA 1
```

```

; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-28

Query Match          0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2706 ACTAAAGAAAAAAAAAAAAAAAAAAAAA 2729
Db      24  ACAGATGAAAAAAAAAAAAAAAAAAAAA 1

RESULT 515
US-10-309-775A-73/c
; Sequence 73, Application US/10309775A
; Publication No. US20040006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-73

Query Match          0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAAAAAAA 2732
Db      24  AAAAAAAAAATGAAAAAAAAAAAAA 1

RESULT 516
US-10-314-578-60/c
; Sequence 60, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/WAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 60

```

```

RESULT 512
US-10-309-775A-26/c
; Sequence 26, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-26

Query Match          0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2732
    ||||| ||||| ||||| ||||| |||||
Db 24 AAAAAACAATAATGAAAAAAAAAAAAA 1

RESULT 513
US-10-309-775A-27/c
; Sequence 27, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-309-775A-27

Query Match          0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAAAAAA 2732
    ||||| ||||| ||||| ||||| |||||
Db 24 AAAAAACAATAATGAAAAAAAAAAAAA 1

RESULT 514
US-10-309-775A-28/c
; Sequence 28, Application US/10309775A
; Publication No. US2004006032A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM327
; CURRENT APPLICATION NUMBER: US/10/309,775A
; CURRENT FILING DATE: 2002-12-04
;

```

```
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-60

Query Match          0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAACAAAAAACAA 1

RESULT 517
US-10-831-778-60/c
; Sequence 60, Application US/10831778
; Publication No. US20040235774A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/831,778
; CURRENT FILING DATE: 2004-04-23
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 60
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-831-778-60

Query Match          0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAACAAAAAACAA 1

RESULT 518
US-11-127-654-54/c
; Sequence 54, Application US/11127654
; Publication No. US20050250726A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC
; TITLE OF INVENTION: INFLAMMATORY DISEASES
; FILE REFERENCE: C1039.70060US01
; CURRENT APPLICATION NUMBER: US/11/127,654
; CURRENT FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: US 10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
```

```
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-127-654-54

Query Match          0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAACAAAAAACAA 1

RESULT 519
US-11-178-086-21/c
; Sequence 21, Application US/11178086
; Publication No. US20050276789A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/11/178,086
; CURRENT FILING DATE: 2005-07-08
; PRIOR APPLICATION NUMBER: US/10/309,775
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-11-178-086-21

Query Match          0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAACAAAAAACAA 1

RESULT 520
US-11-178-086-22/c
; Sequence 22, Application US/11178086
; Publication No. US20050276789A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/0M327
; CURRENT APPLICATION NUMBER: US/11/178,086
; CURRENT FILING DATE: 2005-07-08
; PRIOR APPLICATION NUMBER: US/10/309,775
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-11-178-086-22

Query Match          0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAACAAATGAAAA 1

RESULT 521

US-11-178-086-23/c
; Sequence 23, Application US/11178086
; Publication No. US20050276789A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM327
; CURRENT APPLICATION NUMBER: US/11/178,086
; CURRENT FILING DATE: 2005-07-08
; PRIOR APPLICATION NUMBER: US/10/309,775
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-11-178-086-23

Query Match 0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAACAAATGAAAA 1

RESULT 522

US-11-178-086-24/c
; Sequence 24, Application US/11178086
; Publication No. US20050276789A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM327
; CURRENT APPLICATION NUMBER: US/11/178,086
; CURRENT FILING DATE: 2005-07-08
; PRIOR APPLICATION NUMBER: US/10/309,775
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-11-178-086-24

Query Match 0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAACAAATGAAAA 1

RESULT 523

US-11-178-086-25/c

; Sequence 25, Application US/11178086
; Publication No. US20050276789A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM327
; CURRENT APPLICATION NUMBER: US/11/178,086
; CURRENT FILING DATE: 2005-07-08
; PRIOR APPLICATION NUMBER: US/10/309,775
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-11-178-086-25

Query Match 0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAACAAATGAAAA 1

RESULT 524

US-11-178-086-26/c
; Sequence 26, Application US/11178086
; Publication No. US20050276789A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM327
; CURRENT APPLICATION NUMBER: US/11/178,086
; CURRENT FILING DATE: 2005-07-08
; PRIOR APPLICATION NUMBER: US/10/309,775
; PRIOR FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: CA 2,388,049
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-11-178-086-26

Query Match 0.7%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 4.3e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2732
Db 24 AAAAAAAAAACAAATGAAAA 1

RESULT 525

US-11-178-086-27/c
; Sequence 27, Application US/11178086
; Publication No. US20050276789A1
; GENERAL INFORMATION:
; APPLICANT: LOPEZ, Ricardo A.
; TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 2901/OM327
; CURRENT APPLICATION NUMBER: US/11/178,086

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Tue Nov 7 10:41:37 2006

```
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 515
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: potential microsequencing oligo for 4-4-187.mis2
US-09-901-484A-515

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
DB 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 530
US-09-917-138-1/c
; Sequence 1, Application US/09917138
; Patent No. US20020031776A1
; GENERAL INFORMATION:
; APPLICANT: TULLIS, Richard
; APPLICANT: STEIFFEL, Jerome
; TITLE OF INVENTION: ENZYMATIC LABELLING AND DETECTION OF DNA
; TITLE OF INVENTION: HYBRIDIZATION PROBES
; FILE REFERENCE: 24730-2207B
; CURRENT APPLICATION NUMBER: US/09/917,138
; CURRENT FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: 09/580,358
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 60/136,545
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: Biotinylation at the 5' end
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: Combined DNA/RNA
US-09-917-138-1

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
DB 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 531
US-09-970-971A-15/c
```

```
; Sequence 15, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1e1 Sequence
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 3'-O-MOE
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: P=O
US-09-970-971A-15

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
DB 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 532
US-09-970-971A-16/c
; Sequence 16, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1e1 Sequence
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 3'-O-MOE
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: P=O
US-09-970-971A-16

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 533

US-09-970-971A-26/c
; Sequence 26, Application US/09970971A
; Publication No. US20030096979A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew M.
; TITLE OF INVENTION: Oligonucleotides Having DNA Form and B-DNA Form Conformational C
; FILE REFERENCE: ISIS4789
; CURRENT APPLICATION NUMBER: US/09/970,971A
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030096979A1el Sequence
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-09-970-971A-26

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 534

US-10-098-816-15/c
; Sequence 15, Application US/10098816
; Publication No. US20030105311A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage
; FEATURE:

; NAME/KEY: misc feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
US-10-098-816-15

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 535

US-10-098-816-16/c
; Sequence 16, Application US/10098816
; Publication No. US20030105311A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 16
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2' - O-MOE linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2' - O-MOE linkage
; NAME/KEY: misc feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2' - O-MOE linkage
US-10-098-816-16

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 536

US-10-098-816-17/c
; Sequence 17, Application US/10098816
; Publication No. US20030105311A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586

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; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 17
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage; sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 3' - O-MOE linkage
; US-10-098-816-17
;
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 537
US-10-098-816-18/c
; Sequence 18, Application US/10098816
; Publication No. US2003010531A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)..(16)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: sub O linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: sub O linkage
; US-10-098-816-18
;
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 538
US-10-098-816-26/c
; Sequence 26, Application US/10098816
; Publication No. US2003010531A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Oligonucleotides Having A DNA Form And B-DNA Form
; FILE REFERENCE: ISIS3310
; CURRENT APPLICATION NUMBER: US/10/098,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US/09/303,586
; PRIOR FILING DATE: 1999-05-03
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (16)..(17)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(18)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)..(19)
; OTHER INFORMATION: 2'-modified T linkage
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: 2'-modified T linkage
; US-10-098-816-26
;
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 539

```

```

; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawaasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; US-10-123-597-12

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 542
US-10-123-597-14/c
; Sequence 14, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawaasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
; US-10-123-597-14

Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 543

```

Tue Nov 7 10:41:37 2006

```
US-10-123-597-15/c
; Sequence 15, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-15
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 544
US-10-123-597-2/c
; Sequence 2, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-2
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 545
US-10-123-597-25/c
; Sequence 25, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methylethylaminoxyethoxy
US-10-123-597-25
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 546
US-10-123-597-3/c
; Sequence 3, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS5040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (15)..(18)
; OTHER INFORMATION: 2'-methoxyethoxy
US-10-123-597-3
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 547
US-10-123-597-4/c
; Sequence 4, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
US-10-123-597-4
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 548
US-10-123-597-5/c
; Sequence 5, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-5
Query Match 0.7%; Score 19; DB 1; Length 19;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 549
US-10-123-597-6/c
; Sequence 6, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl
US-10-123-597-6
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 550
US-10-123-597-7/c
; Sequence 7, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
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Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 549
US-10-123-597-6/c
; Sequence 6, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 5-methyl-2'-O-propyl
US-10-123-597-6
Query Match 0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 550
US-10-123-597-7/c
; Sequence 7, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-dimethylaminoxyethoxy
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```

US-10-123-597-7
Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 551
US-10-123-597-8/c
; Sequence 8, Application US/10123597
; Publication No. US20030078415A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip D
; APPLICANT: Kawasaki, Andrew M
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Prakash, Thazha P
; APPLICANT: Fraser, Allister S
; TITLE OF INVENTION: Regioselective Synthesis of 2'-O-Modified Nucleosides
; FILE REFERENCE: ISIS040
; CURRENT APPLICATION NUMBER: US/10/123,597
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: 09/227,782
; PRIOR FILING DATE: 1999-01-08
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic construct
; NAME/KEY: misc feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: 5-methyl-2'-methoxyethoxy
US-10-123-597-8
Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 552
US-10-170-172-16/c
; Sequence 16, Application US/10170172
; Publication No. US20030190632A1
; GENERAL INFORMATION:
; APPLICANT: SOSNOWSKI, RONALD G
; APPLICANT: BUTLER, WILLIAM F
; APPLICANT: TU, EUGENE
; APPLICANT: NERENBERG, MICHAEL I
; APPLICANT: HELLER, MICHAEL J
; APPLICANT: EDMAN, CARL F
; TITLE OF INVENTION: SELF-ASSEMBLING MICROELECTRONIC
; TITLE OF INVENTION: INTEGRATED SYSTEMS, COMPONENT DEVICES, MECHANISMS,
; TITLE OF INVENTION: METHODS, AND PROCEDURES FOR MOLECULAR BIOLOGICAL
; TITLE OF INVENTION: ANALYSIS AND DIAGNOSTICS
; FILE REFERENCE: DAVID B. MURPHY: Nanogen 227/194
; CURRENT APPLICATION NUMBER: US/10/170,172
; CURRENT FILING DATE: 2002-06-11
; PRIOR APPLICATION NUMBER: US/08/986,065
; PRIOR FILING DATE: 1997-12-05
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 19

```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Amino
; OTHER INFORMATION: conjugate to provide reactivity with dyes
US-10-170-172-16
Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
    |||||
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 553
US-10-206-693-551
; Sequence 551, Application US/10206693
; Publication No. US20050261212A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Nogo and Nogo Receptor Ge
; TITLE OF INVENTION: Expression using Short Interfering RNA
; FILE REFERENCE: 900/034 (MBHB02-732)
; CURRENT APPLICATION NUMBER: US/10/206,693
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 674
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 551
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-206-693-551
Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2726
    :|||||
Db 1 UAAAAAAAAAAAAAAAAA 19

RESULT 554
US-10-206-693-650/c
; Sequence 650, Application US/10206693
; Publication No. US20050261212A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Nogo and Nogo Receptor G
; TITLE OF INVENTION: Expression using Short Interfering RNA
; FILE REFERENCE: 900/034 (MBHB02-732)
; CURRENT APPLICATION NUMBER: US/10/206,693
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 674
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 650
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-693-650
Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2726
 Db 19 TAAAAAAAAAAAAAAAAAAAAA 1

RESULT 555

US-10-208-357-25
 ; Sequence 25, Application US/10208357
 ; Publication No. US20020182687A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Kurz, Markus
 ; APPLICANT: Lohse, Peter
 ; APPLICANT: Wagner, Richard
 ; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
 ; FILE REFERENCE: 50036/031002
 ; CURRENT APPLICATION NUMBER: US/10/208,357
 ; CURRENT FILING DATE: 2002-07-30
 ; PRIOR APPLICATION NUMBER: US/09/619,103
 ; PRIOR FILING DATE: 2000-07-19
 ; PRIOR APPLICATION NUMBER: 60/145,834
 ; PRIOR FILING DATE: 1999-07-27
 ; NUMBER OF SEQ ID NOS: 26
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 25
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: designed sequence for nucleic acid purification
 US-10-208-357-25

Query Match 0.7%; Score 19; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 5.3e+02;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
 Db 1 AAAAAAAAAAAAAAAAAAAAAA 19

RESULT 556

US-10-232-881-1/c
 ; Sequence 1, Application US/10232881
 ; Publication No. US20030080888A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ravikumar, Vasulinga
 ; APPLICANT: Manoharan, Muthiah
 ; APPLICANT: Capaldi, Daniel
 ; APPLICANT: Krotz, Achim
 ; APPLICANT: Cole, Douglas
 ; APPLICANT: Guzaev, Andrei
 ; TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric
 ; FILE REFERENCE: ISIS3380
 ; CURRENT APPLICATION NUMBER: US/10/232,881
 ; CURRENT FILING DATE: 2002-08-30
 ; PRIOR APPLICATION NUMBER: US/09/288,679
 ; PRIOR FILING DATE: 1999-04-09
 ; PRIOR APPLICATION NUMBER: 60/118,564
 ; PRIOR FILING DATE: 1999-02-04
 ; NUMBER OF SEQ ID NOS: 7
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial
 ; FEATURE:
 ; OTHER INFORMATION: No. US20030080888A1e1 Sequence
 US-10-232-881-1

Query Match 0.7%; Score 19; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 5.3e+02;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
 Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 557

US-10-247-893-13/c
 ; Sequence 13, Application US/10247893
 ; Publication No. US20030092046A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Manoharan, Muthiah
 ; APPLICANT: Cook, Philip Dan
 ; APPLICANT: Prakash, Thazha P.
 ; APPLICANT: Mohan, Venkatraman
 ; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
 ; FILE REFERENCE: Isis-4406
 ; CURRENT APPLICATION NUMBER: US/10/247,893
 ; CURRENT FILING DATE: 2002-09-20
 ; PRIOR APPLICATION NUMBER: US/09/612,531
 ; PRIOR FILING DATE: 2000-07-07
 ; PRIOR APPLICATION NUMBER: 09/349,040
 ; PRIOR FILING DATE: 1999-07-07
 ; NUMBER OF SEQ ID NOS: 25
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 13
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Oligonucleotide
 ; NAME/KEY: misc feature
 ; LOCATION: (17)..(17)
 ; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
 ; FEATURE:
 ; NAME/KEY: misc feature
 ; LOCATION: (19)..(19)
 ; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
 US-10-247-893-13

Query Match 0.7%; Score 19; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 5.3e+02;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
 Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 558

US-10-247-893-3/c
 ; Sequence 3, Application US/10247893
 ; Publication No. US20030092046A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Manoharan, Muthiah
 ; APPLICANT: Cook, Philip Dan
 ; APPLICANT: Prakash, Thazha P.
 ; APPLICANT: Mohan, Venkatraman
 ; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
 ; FILE REFERENCE: Isis-4406
 ; CURRENT APPLICATION NUMBER: US/10/247,893
 ; CURRENT FILING DATE: 2002-09-20
 ; PRIOR APPLICATION NUMBER: US/09/612,531
 ; PRIOR FILING DATE: 2000-07-07
 ; PRIOR APPLICATION NUMBER: 09/349,040
 ; PRIOR FILING DATE: 1999-07-07
 ; NUMBER OF SEQ ID NOS: 25
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 3
 ; LENGTH: 19
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence

```
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-3

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 559
US-10-247-893-7/c
; Sequence 7, Application US/10247893
; Publication No. US20030092046A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Mohan, Venkatraman
; TITLE OF INVENTION: Guanidinium Functionalized Oligomers And Methods
; FILE REFERENCE: Isis-4406
; CURRENT APPLICATION NUMBER: US/10/247,893
; CURRENT FILING DATE: 2002-09-20
; PRIOR APPLICATION NUMBER: US/09/612,531
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 09/349,040
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: T*=2'-O-[2-(guanidinium)ethyl]
US-10-247-893-7

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 560
US-10-322-242-1/c
; Sequence 1, Application US/10322242
; Publication No. US20030139586A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin
; APPLICANT: An, Haeyun
; TITLE OF INVENTION: C3'-Methylene Hydrogen Phosphonate Oligomers and Related Compound
; FILE REFERENCE: ISIS-3312
; CURRENT APPLICATION NUMBER: US/10/322,242
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US/09/349,033
; PRIOR FILING DATE: 1999-07-07
; NUMBER OF SEQ ID NOS: 12
```

```
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Sequence
US-10-322-242-1

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 561
US-10-331-109-33/c
; Sequence 33, Application US/10331109
; Publication No. US20030215891A1
; GENERAL INFORMATION:
; APPLICANT: Bickel, et al.
; TITLE OF INVENTION: Method for the qualitative and/or quantitative detection of mole
; FILE REFERENCE: 12671/1
; CURRENT APPLICATION NUMBER: US/10/331,109
; CURRENT FILING DATE: 2002-12-27
; PRIOR APPLICATION NUMBER: PCT/EP01/07575
; PRIOR FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: DE 100 33 334.6
; PRIOR FILING DATE: 2000-07-01
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence:
; OTHER INFORMATION: Oligonucleotide probe
US-10-331-109-33

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 562
US-10-359-328-26/c
; Sequence 26, Application US/10359328
; Publication No. US20040009938A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-5140
; CURRENT APPLICATION NUMBER: US/10/359,328
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US 09/370,625
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: US 09/130,566
; PRIOR FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 26
; LENGTH: 19
; TYPE: DNA
```



```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-[2-(2-N,N-dimethylaminoethyl)oxyethyl]-
; OTHER INFORMATION: sub-T)
US-10-359-328-26
```

5-methyl uridine

```
Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 563

```
US-10-359-328-5/c
; Sequence 5, Application US/10359328
; Publication No. US2004000938A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Philip Dan
; TITLE OF INVENTION: METHODS OF ENHANCING RENAL UPTAKE OF OLIGONUCLEOTIDES
; FILE REFERENCE: ISIS-5140
; CURRENT APPLICATION NUMBER: US/10/359,328
; PRIOR FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US 09/370,625
; PRIOR FILING DATE: 1999-08-06
; PRIOR APPLICATION NUMBER: US 09/130,566
; PRIOR FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-modified T
US-10-359-328-5
```

```
Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 564

```
US-10-371-600-14
; Sequence 14, Application US/10371600
; Publication No. US20030180776A1
; GENERAL INFORMATION:
; APPLICANT: WU, MING
; APPLICANT: ULLMAN, EDWIN F.
; TITLE OF INVENTION: DETECTION BY SLIDING TEMPLATE AMPLIFICATION
; FILE REFERENCE: 3817.10-2
; CURRENT APPLICATION NUMBER: US/10/371,600
; PRIOR FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/359,223
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: 60/379,360
; PRIOR FILING DATE: 2002-05-08
; NUMBER OF SEQ ID NOS: 14
```

```
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-371-600-14
```

```
Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 1 AAAAAAAAAAAAAAAAAAAAAA 19
```

RESULT 565

```
US-10-387-346B-154/c
; Sequence 154, Application US/10387346B
; Publication No. US20040117869A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongmei
; TITLE OF INVENTION: Cloning of Cytochrome P450 Genes from
; FILE REFERENCE: 78623
; CURRENT APPLICATION NUMBER: US/10/387,346B
; PRIOR FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: 10/293,252
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 10/340,861
; PRIOR FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 156
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 154
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Nicotiana
US-10-387-346B-154
```

```
Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1
```

RESULT 566

```
US-10-700-884-23/c
; Sequence 23, Application US/10700884
; Publication No. US20050037370A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Eldrup, Anne B.
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Bhat, Balkrishen
; APPLICANT: Griffey, Richard
; APPLICANT: Swayze, Eric E.
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanchottathil G.
; TITLE OF INVENTION: OLIGOMERIC COMPOUNDS HAVING MODIFIED BASES FOR BINDING TO ADENIN
; AND GUANINE AND THEIR USE IN GENE MODULATION
```

pubmain.res

Tue Nov 7 10:41:37 2006

```
; FILE REFERENCE: ISIS-5317
; CURRENT APPLICATION NUMBER: US/10/700,884
; CURRENT FILING DATE: 2003-11-04
; PRIOR APPLICATION NUMBER: US 10/635,380
; PRIOR FILING DATE: 2003-08-06
; PRIOR APPLICATION NUMBER: US 60/423,760
; PRIOR FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: US 10/078,949
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/479,783
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 08/870,608
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: US 08/659,440
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-[2-(methoxy)ethyl]-2-thio-5-methyluridine
; US-10-700-884-23

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAA 2727
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 567
US-10-700-884-23/c
; Sequence 23, Application US/10700884
; Publication No. US20050118608A9
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Eldrup, Anne B.
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Bhat, Balkrishen
; APPLICANT: Griffey, Richard
; APPLICANT: Swayze, Eric E.
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanthottathil G.
; TITLE OF INVENTION: OLIGOMERIC COMPOUNDS HAVING MODIFIED BASES FOR BINDING TO ADENINE
; TITLE OF INVENTION: AND GUANINE AND THEIR USE IN GENE MODULATION
; FILE REFERENCE: ISIS-5317
; CURRENT APPLICATION NUMBER: US/10/700,884
; CURRENT FILING DATE: 2003-11-04
; PRIOR APPLICATION NUMBER: US 10/635,380
; PRIOR FILING DATE: 2003-08-06
; PRIOR APPLICATION NUMBER: US 60/423,760
; PRIOR FILING DATE: 2002-11-05
; PRIOR APPLICATION NUMBER: US 10/078,949
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/479,783
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 08/870,608
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: US 08/659,440
; PRIOR FILING DATE: 1996-06-06
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 23
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc feature
; LOCATION: (16)..(19)
; OTHER INFORMATION: 2'-O-[2-(methoxy)ethyl]-2-thio-5-methyluridine
; US-10-700-884-23

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAA 2727
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 568
US-10-760-940-1/c
; Sequence 1, Application US/10760940
; Publication No. US20040219577A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulinga
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Capaldi, Daniel C.
; APPLICANT: Krotz, Achim
; APPLICANT: Cole, Douglas L.
; APPLICANT: Guzaev, Andrei
; TITLE OF INVENTION: IMPROVED PROCESS FOR THE SYNTHESIS OF OLIGOMERIC COMPOUNDS
; FILE REFERENCE: ISIS-5422
; CURRENT APPLICATION NUMBER: US/10/760,940
; CURRENT FILING DATE: 2004-01-20
; PRIOR APPLICATION NUMBER: US 10/232,881
; PRIOR FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: US 09/288,679
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: US 60/118,564
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; US-10-760-940-1

Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      2709 AAAAAAAAAAAAAAAAAA 2727
Db      19 AAAAAAAAAAAAAAAAAA 1

RESULT 569
US-10-913-246-24
; Sequence 24, Application US/10913246
; Publication No. US20050003441A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 492692000500
; CURRENT APPLICATION NUMBER: US/10/913,246
; CURRENT FILING DATE: 2004-08-05
; PRIOR APPLICATION NUMBER: US/10/100,321
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
```

```
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-913-246-24
```

```
Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
      |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 19
```

```
RESULT 570
US-10-934-890-24
; Sequence 24, Application US/10934890
; Publication No. US20050014192A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; FILE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 492692000500
; CURRENT APPLICATION NUMBER: US/10/934,890
; CURRENT FILING DATE: 2004-09-03
; PRIOR APPLICATION NUMBER: US/10/100,321
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-934-890-24
```

```
Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
      |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 19
```

```
RESULT 571
US-10-940-360-1/c
; Sequence 1, Application US/10940360
; Publication No. US20050137391A1
; GENERAL INFORMATION:
; APPLICANT: Ravikumar, Vasulinga
; APPLICANT: Manoharan, Muthia
; APPLICANT: Capaldi, Daniel
; APPLICANT: Krotz, Achim
; APPLICANT: Cole, Douglas
; APPLICANT: Guraev, Andrei
; TITLE OF INVENTION: Improved Process for the Synthesis of Oligomeric Compounds
; FILE REFERENCE: ISIS3380
; CURRENT APPLICATION NUMBER: US/10/940,360
; CURRENT FILING DATE: 2004-09-14
; PRIOR APPLICATION NUMBER: US/09/288,679
; PRIOR FILING DATE: 1999-04-09
; PRIOR APPLICATION NUMBER: 60/118,564
; PRIOR FILING DATE: 1999-02-04
```

```
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Novel Sequence
US-10-940-360-1
```

```
Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
      |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 572
US-11-014-373-274/c
; Sequence 274, Application US/11014373
; Publication No. US20050196781A1
; GENERAL INFORMATION:
; APPLICANT: Robin, Howard
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA INTERFERENCE MEDIATED INHIBITION OF STAT3 GENE EXPRESSION
; FILE OF INVENTION: USING SHORT INTERFERING NUCLEIC ACID (siNA)
; FILE REFERENCE: 400/241 MBH04-1067
; CURRENT APPLICATION NUMBER: US/11/014,373
; CURRENT FILING DATE: 2004-12-15
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

```
; NUMBER OF SEQ ID NOS: 678
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 274
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Target Sequence/siNA sense region
US-11-014-373-274
```

```
Query Match          0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
      |||||
Db 19 AAAAAAAAAAAAAAAAAAAAAA 1
```

```
RESULT 573
US-11-014-373-551
```

Tue Nov 7 10:41:37 2006

```

; Sequence 551, Application US/11014373
; Publication No. US20050196781A1
; GENERAL INFORMATION:
; APPLICANT: MCVSigen, James
; TITLE OF INVENTION: RNA INTERFERENCE MEDIATED INHIBITION OF STAT3 GENE EXPRESSION
; FILE REFERENCE: 400/241 MBHB04-1067
; CURRENT APPLICATION NUMBER: US/11/014,373
; CURRENT FILING DATE: 2004-12-15
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 678
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 551
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Target Sequence/siRNA sense region
; US-11-014-373-551

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2727
Db 1 AAAAAAAAAAAAAAAAAAAAAA 19

RESULT 574
US-11-083-784-84621
; Sequence 84621, Application US/11083784
; Publication No. US20050245475A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/083,784
; CURRENT FILING DATE: 2005-03-18
; PRIOR APPLICATION NUMBER: US/10/714,333
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary

```

```

; SEQ ID NO 84621
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-11-083-784-84621

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 694 TGAAGAAGCAGAGGAAGAA 712
Db 1 UGAAGAAGCAGAGGAAGAA 19

RESULT 575
US-11-101-244-84621
; Sequence 84621, Application US/1101244
; Publication No. US20050246794A1
; GENERAL INFORMATION:
; APPLICANT: Dharmacon, Inc.
; APPLICANT: Khvorova, Anastasia
; APPLICANT: Reynolds, Angela
; APPLICANT: Leake, Devin
; APPLICANT: Marshall, William
; APPLICANT: Scaringe, Stephen
; TITLE OF INVENTION: Functional and Hyperfunctional siRNA
; FILE REFERENCE: 13499US
; CURRENT APPLICATION NUMBER: US/11/101,244
; CURRENT FILING DATE: 2005-04-07
; PRIOR APPLICATION NUMBER: 60/502,050
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 60/426,137
; PRIOR FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 1591911
; SOFTWARE: Proprietary
; SEQ ID NO 84621
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-11-101-244-84621

Query Match      0.7%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 694 TGAAGAAGCAGAGGAAGAA 712
Db 1 UGAAGAAGCAGAGGAAGAA 19

RESULT 576
US-10-671-395-433/c
; Sequence 433, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 433
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense

```

US-10-671-395-433

Query Match 0.7%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2727
| | | | | | | | | | | | | | | | | |
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 577

US-10-831-901A-29731/c
; Sequence 29731, Application US/10831901A
; Publication No. US20050100885A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Preier, Susan M.
; APPLICANT: Massire, Christian
; APPLICANT: Hofstadler, Steven A.
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Compositions And Methods For The Treatment Of Severe
; TITLE OF INVENTION: Acute Respiratory Syndrome (SARS)
; FILE REFERENCE: ISIS0083-100 (BIOL0008US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 60/468,627
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; PRIOR FILING DATE: 2003-06-27
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29731
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound

US-10-831-901A-29731

Query Match 0.7%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2727
| | | | | | | | | | | | | | | | | |
Db 19 AAAAAAAAAAAAAAAAAA 1

RESULT 578

US-11-051-720-1244
; Sequence 1244, Application US/11051720
; Publication No. US20060046257A1
; GENERAL INFORMATION:
; APPLICANT: Compugen Ltd
; TITLE OF INVENTION: NOVEL NUCLEOTIDE AND AMINO ACID SEQUENCES, AND ASSAYS AND METHODS
; FILE REFERENCE: 1847.1002
; CURRENT APPLICATION NUMBER: US/11/051,720
; CURRENT FILING DATE: 2005-01-27

; NUMBER OF SEQ ID NOS: 1780
; SEQ ID NO 1244
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-051-720-1244

Query Match 0.7%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAA 2726
| | | | | | | | | | | | | | | | | |
Db 2 TAAAAAAAAAAAAAAAAA 20

RESULT 579

US-11-051-720-450
; Sequence 450, Application US/11051720
; Publication No. US20060046257A1
; GENERAL INFORMATION:
; APPLICANT: Compugen Ltd
; TITLE OF INVENTION: NOVEL NUCLEOTIDE AND AMINO ACID SEQUENCES, AND ASSAYS AND METHOD
; TITLE OF INVENTION: THEREOF FOR DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 1847.1002
; CURRENT APPLICATION NUMBER: US/11/051,720
; CURRENT FILING DATE: 2005-01-27
; NUMBER OF SEQ ID NOS: 1780
; SEQ ID NO 450
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-051-720-450

Query Match 0.7%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAA 2726
| | | | | | | | | | | | | | | | | |
Db 2 TAAAAAAAAAAAAAAAAA 20

RESULT 580

US-09-776-479-61/c
; Sequence 61, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 61
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-61

Query Match 0.7%; Score 18.8; DB 1; Length 22;

| Best Local Similarity | 90.9% | Pred. No. 4.9e+02; | Mismatches 2; | Indels 0; | Gaps 0; |
|-------------------------------------------------------------------------------|-----------------------|------------------------------|---------------|-----------|---------|
| Matches 20; Conservative 0; <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | |
| QY 2709 | AAAAAAAAAAAAAAAAAAAAA | 2730 | | | |
| DB 22 | AAAAAAAAAAAAAAAAAAAAA | 1 | | | |
| RESULT 581 | | | | | |
| US-10-017-995-61/c | | | | | |
| Sequence 61, Application US/10017995 | | | | | |
| Publication No. US2003005014A1 | | | | | |
| GENERAL INFORMATION: | | | | | |
| APPLICANT: Bratzler, Robert L. | | | | | |
| TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids | | | | | |
| FILE REFERENCE: C1037/7025 (HCL/MAT) | | | | | |
| CURRENT APPLICATION NUMBER: US/10/017,995 | | | | | |
| CURRENT FILING DATE: 2001-12-18 | | | | | |
| PRIOR APPLICATION NUMBER: US 60/255,534 | | | | | |
| PRIOR FILING DATE: 2000-12-14 | | | | | |
| NUMBER OF SEQ ID NOS: 1093 | | | | | |
| SOFTWARE: FastSEQ for Windows Version 3.0 | | | | | |
| SEQ ID NO 61 | | | | | |
| LENGTH: 22 | | | | | |
| TYPE: DNA | | | | | |
| ORGANISM: Artificial Sequence | | | | | |
| FEATURE: | | | | | |
| OTHER INFORMATION: Synthetic Sequence | | | | | |
| US-10-017-995-61 | | | | | |
| Query Match | 0.7% | Score 18.8; DB 1; Length 22; | | | |
| Best Local Similarity | 90.9% | Pred. No. 4.9e+02; | | | |
| Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0; | | | | | |
| QY 2709 | AAAAAAAAAAAAAAAAAAAAA | 2730 | | | |
| DB 22 | AAAAAAAAAAAAAAAAAAAAA | 1 | | | |
| RESULT 582 | | | | | |
| US-10-112-653-55/c | | | | | |
| Sequence 55, Application US/10112653 | | | | | |
| Publication No. US20030050268A1 | | | | | |
| GENERAL INFORMATION: | | | | | |
| APPLICANT: Krieg, Arthur M. | | | | | |
| TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR | | | | | |
| TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES | | | | | |
| FILE REFERENCE: C01039/70060(AWS) | | | | | |
| CURRENT APPLICATION NUMBER: US/10/112,653 | | | | | |
| CURRENT FILING DATE: 2002-03-29 | | | | | |
| PRIOR APPLICATION NUMBER: US 60/279,642 | | | | | |
| PRIOR FILING DATE: 2001-03-29 | | | | | |
| NUMBER OF SEQ ID NOS: 1040 | | | | | |
| SOFTWARE: FastSEQ for Windows Version 3.0 | | | | | |
| SEQ ID NO 55 | | | | | |
| LENGTH: 22 | | | | | |
| TYPE: DNA | | | | | |
| ORGANISM: Artificial Sequence | | | | | |
| FEATURE: | | | | | |
| OTHER INFORMATION: Synthetic Oligonucleotide | | | | | |
| US-10-112-653-55 | | | | | |
| Query Match | 0.7% | Score 18.8; DB 1; Length 22; | | | |
| Best Local Similarity | 90.9% | Pred. No. 4.9e+02; | | | |
| Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0; | | | | | |
| QY 2709 | AAAAAAAAAAAAAAAAAAAAA | 2730 | | | |
| DB 22 | AAAAAAAAAAAAAAAAAAAAA | 1 | | | |

```
; Publication No. US20050250726A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR TREATMENT OF NON-ALLERGIC
; FILE REFERENCE: C1039.70060US01
; CURRENT APPLICATION NUMBER: US/11/127,654
; PRIOR FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: US 10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 55
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-11-127-654-55

Query Match          0.7%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 4.9e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2730
Db 22 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 566
US-10-393-815-143/c
; Sequence 143, Application US/10393815
; Publication No. US20030224413A1
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide Polymorphisms
; FILE REFERENCE: 15966-534B
; CURRENT APPLICATION NUMBER: US/10/393,815
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 320
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 143
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: (26)...(0)
; OTHER INFORMATION: single nucleotide polymorphism
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number CG43947230
US-10-393-815-143

Query Match          0.7%; Score 18.8; DB 1; Length 51;
Best Local Similarity 63.0%; Pred. No. 2.6e+02;
Matches 29; Conservative 0; Mismatches 17; Indels 0; Gaps 0;

QY 1953 AGCTGGCTTTTACCCCTTCTGATGATAAAGAGATGCCCTT 1998
Db 48 AGCTCTCTGTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 3

RESULT 587
US-09-908-975-31969/c
```

```
; Sequence 31969, Application US/09908975
; Publication No. US20030165843A1
; GENERAL INFORMATION:
; APPLICANT: SHOSHAN, Avi
; APPLICANT: WASSERMAN, Alon
; APPLICANT: MINTZ, Eli
; APPLICANT: MINTZ, Liat
; APPLICANT: FAIGLER, Simchon
; TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLIC
; FILE REFERENCE: 36688-0005
; CURRENT APPLICATION NUMBER: US/09/908,975
; CURRENT FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/287,724
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: US 60/221,607
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 32337
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 31969
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-908-975-31969

Query Match          0.7%; Score 18.6; DB 1; Length 60;
Best Local Similarity 57.9%; Pred. No. 2.3e+02;
Matches 33; Conservative 0; Mismatches 24; Indels 0; Gaps 0;

QY 2361 GCATGGGTACGCTGGGCAAGTTCTACTGTGCCATGCTGAAAGAGCGCTCGCGGCTT 2417
Db 60 GCATGGGCACAGTGAACCTGCCAGCGTACCTTGTCTGATGTGGGTCTTCAGCTCCT 4

RESULT 588
US-09-005-243-32/c
; Sequence 32, Application US/09005243
; Patent No. US20020018763A1
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Kriazztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/005,243
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
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[illegible]


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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/35136
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-224-683-32

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```

Query Match          0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 2707 CTAACAAAAA 2726
Db 20 CCAAAAAA 1

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RESULT 591
US-09-224-683-34/c
; Sequence 34, Application US/09224683
; Patent No. US2002031491A1
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor: Composition Claims
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/224,683
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/005,893
; FILING DATE: 12-JAN-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/449,653
; FILING DATE: 24-MAY-1995
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992

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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/589,701
; FILING DATE: 01-OCT-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/35136
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-224-683-34

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```

Query Match          0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Qy 2707 CTAACAAAAA 2726
Db 20 CGAAAAAA 1

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RESULT 592
US-10-175-608-32/c
; Sequence 32, Application US/10175608
; Publication No. US2004018104A1
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; APPLICANT: Bosselman, Robert A.
; APPLICANT: Suggs, Sidney V.
; APPLICANT: Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/175,608
; FILING DATE: 16-OCT-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/635,249
; FILING DATE: 07-AUG-2000
; APPLICATION NUMBER: 09/486,546
; FILING DATE: 24-MAY-1995
; APPLICATION NUMBER: 08/172,329
; FILING DATE: 21-DEC-1993
; APPLICATION NUMBER: 07/982,255

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FILING DATE: 25-NOV-1992
APPLICATION NUMBER: 07/684,535
FILING DATE: 10-APR-1991
APPLICATION NUMBER: 09/589,701
FILING DATE: 10-OCT-1991
APPLICATION NUMBER: 07/573,616
FILING DATE: 24-AUG-1990
APPLICATION NUMBER: 07/537,198
FILING DATE: 11-JUN-1990
APPLICATION NUMBER: 07/422,383
FILING DATE: 16-OCT-1989
ATTORNEY/AGENT INFORMATION:
NAME: Clough, David W.
REGISTRATION NUMBER: 36,107
REFERENCE/DOCKET NUMBER: 01017/35199
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/474-6300
TELEFAX: 312/474-0448
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-10-175-608-32
Query Match      0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; P-Value 5.6e-02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

2707 CTAAGAAAAAAGAAAAAAGAAAAA 2726
| | | | | | | | | | | | | | | |
20 CCAAAAAAAGAAAAAAGAAAAA 1

RESULT 593
US-10-175-608-34/C
; Sequence 34, Application US/10175608
; Publication No. US20040181044A1
; GENERAL INFORMATION:
; APPLICANT: Zeebo, Krisztina M.
; Bosseiman, Robert A.
; Sugger, Sidney V.
; Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/175,608
; FILING DATE: 16-Oct-2002
; CLASSIFICATION: <Unknown>
; PRIORITY INFORMATION:
; APPLICATION NUMBER: 09/635,249
; FILING DATE: 07-AUG-2000
; APPLICATION NUMBER: 09/486,546
; FILING DATE: 24-MAY-1995
; APPLICATION NUMBER: 08/172,329
; FILING DATE: 21-DEC-1993

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, FILING DATE: 10-APR-1991
, APPLICATION NUMBER: 07/589,701
, FILING DATE: 01-OCT-1990
, APPLICATION NUMBER: 07/573,616
, FILING DATE: 24-AUG-1990
, APPLICATION NUMBER: 07/537,198
, FILING DATE: 11-JUN-1990
, APPLICATION NUMBER: 07/422,383
, FILING DATE: 16-OCT-1989
, ATTORNEY/AGENT INFORMATION:
, NAME: Clough, David W.
, REGISTRATION NUMBER: 36,107
, REFERENCE/DOCKET NUMBER: 01017/32958A
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: 312/474-6300
, TELEFAX: 312/474-0448
, TELEX: <Unknown>
, INFORMATION FOR SEQ ID NO: 32:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 20 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
, MOLECULE TYPE: cDNA
, SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-10-353-783-32

Query Match          0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2707 CTAAGAAAAA 2726
DB 20 CCAAAAAA 1

RESULT 595
US-10-353-783-34/c
; Sequence 34, Application US/10353783
; Publication No. US20050261175A1
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; Bosselman, Robert A.
; Suggs, Sidney V.
; Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/353,783
; FILING DATE: 28-Jan-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/448,729
; FILING DATE: 24-MAY-1995
; APPLICATION NUMBER: 08/172,329
; FILING DATE: 21-DEC-1993
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; APPLICATION NUMBER: 07/684,535
; FILING DATE: 10-APR-1991
; APPLICATION NUMBER: 07/589,701
```

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,
, FILING DATE: 01-OCT-1990
, APPLICATION NUMBER: 07/573,616
, FILING DATE: 24-AUG-1990
, APPLICATION NUMBER: 07/537,198
, FILING DATE: 11-JUN-1990
, APPLICATION NUMBER: 07/422,383
, FILING DATE: 16-OCT-1989
, ATTORNEY/AGENT INFORMATION:
, NAME: Clough, David W.
, REGISTRATION NUMBER: 36,107
, REFERENCE/DOCKET NUMBER: 01017/32958A
, TELECOMMUNICATION INFORMATION:
, TELEPHONE: 312/474-6300
, TELEFAX: 312/474-0448
, TELEX: <Unknown>
, INFORMATION FOR SEQ ID NO: 34:
, SEQUENCE CHARACTERISTICS:
, LENGTH: 20 base pairs
, TYPE: nucleic acid
, STRANDEDNESS: single
, TOPOLOGY: linear
, MOLECULE TYPE: cDNA
, SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-10-353-783-34

Query Match          0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2707 CTAAGAAAAA 2726
DB 20 CCAAAAAA 1

RESULT 596
US-10-620-642-32/c
; Sequence 32, Application US/10620642
; Publication No. US2005080250A1
; GENERAL INFORMATION:
; APPLICANT: Zsebo, Krisztina M.
; Bosselman, Robert A.
; Suggs, Sidney V.
; Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/620,642
; FILING DATE: 16-Jul-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/10/175,608
; FILING DATE: 16-Oct-2002
; APPLICATION NUMBER: 09/635,249
; FILING DATE: 07-AUG-2000
; APPLICATION NUMBER: 09/486,546
; FILING DATE: 24-MAY-1995
; APPLICATION NUMBER: 08/172,329
; FILING DATE: 21-DEC-1993
; APPLICATION NUMBER: 07/982,255
; FILING DATE: 25-NOV-1992
; APPLICATION NUMBER: 07/684,535
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;
; FILING DATE: 10-APR-1991
; APPLICATION NUMBER: 09/589,701
; FILING DATE: 10-OCT-1991
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/35199
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-10-620-642-32
Query Match 0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAAGAAAAA 2726
Db 20 CCAAAAAA 1

RESULT 597
US-10-620-642-34/c
; Sequence 34, Application US/10620642
; Publication No. US20050080250A1
; GENERAL INFORMATION:
; APPLICANT: Zeebo, Kriestina M.
; Bosseelman, Robert A.
; Suggs, Sidney V.
; Martin, Francis H.
; TITLE OF INVENTION: Stem Cell Factor
; NUMBER OF SEQUENCES: 104
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-6402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/620,642
; FILING DATE: 16-Jul-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/10/175,608
; FILING DATE: 16-Oct-2002
; APPLICATION NUMBER: 09/635,249
; FILING DATE: 07-AUG-2000
; APPLICATION NUMBER: 09/486,546
; FILING DATE: 24-MAY-1995
; APPLICATION NUMBER: 08/172,329
; FILING DATE: 21-DEC-1993
; APPLICATION NUMBER: 07/982,255
;

; FILING DATE: 25-NOV-1992
; APPLICATION NUMBER: 07/694,535
; FILING DATE: 10-APR-1991
; APPLICATION NUMBER: 09/589,701
; FILING DATE: 10-OCT-1991
; APPLICATION NUMBER: 07/573,616
; FILING DATE: 24-AUG-1990
; APPLICATION NUMBER: 07/537,198
; FILING DATE: 11-JUN-1990
; APPLICATION NUMBER: 07/422,383
; FILING DATE: 16-OCT-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Clough, David W.
; REGISTRATION NUMBER: 36,107
; REFERENCE/DOCKET NUMBER: 01017/35199
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-10-620-642-34
Query Match 0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAAGAAAAA 2726
Db 20 CCAAAAAA 1

RESULT 598
US-10-671-395-654/c
; Sequence 654, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 654
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
; US-10-671-395-654
Query Match 0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAAGAAAAA 2726
Db 20 CCAAAAAA 1

RESULT 599
US-10-728-399-141/c
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; Sequence 141, Application US/10728399
; Publication No. US20040132078A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Colca, Jerry
; TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION
; FILE REFERENCE: 01455 1
; CURRENT APPLICATION NUMBER: US/10/728,399
; CURRENT FILING DATE: 2003-12-05
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 141
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human mitoneet antisense
US-10-728-399-141

Query Match          0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2708 TAAAAAATAAAAAAAAAA 2727
Db 20 TAAACAAAAAATAAAAAAAAAA 1

RESULT 600
US-10-728-399-87/c
; Sequence 87, Application US/10728399
; Publication No. US20040132078A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Colca, Jerry
; TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION
; FILE REFERENCE: 01455 1
; CURRENT APPLICATION NUMBER: US/10/728,399
; CURRENT FILING DATE: 2003-12-05
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human mitoneet antisense
US-10-728-399-87

Query Match          0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2709 AAAAAAATAAAAAAAAAA 2728
Db 20 AAACAAAAAATAAAAAAAAAA 1

RESULT 601
US-10-831-901A-29730/c
; Sequence 29730, Application US/10831901A
; Publication No. US20050100885A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Freier, Susan M.
; APPLICANT: Massire, Christian
; APPLICANT: Hofstadler, Steven A.
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank

; TITLE OF INVENTION: Compositions And Methods For The Treatment Of Severe
; TITLE OF INVENTION: Acute Respiratory Syndrome (SARS)
; FILE REFERENCE: ISIS0083-100 (BIOL00080US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 60/468,627
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; PRIOR FILING DATE: 2003-06-27
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29730
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-29730

Query Match          0.7%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 5.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2706 ACTAAAAAATAAAAAAAAAA 2725
Db 20 ACAAAAAAATAAAAAAAAAA 1

RESULT 602
US-09-371-307-85/c
; Sequence 85, Application US/09371307A
; Patent No. US20020053095A1
; GENERAL INFORMATION:
; APPLICANT: Brown, Sherri M.
; APPLICANT: Heck, Gregory R.
; APPLICANT: Piller, Kenneth J.
; APPLICANT: Kishore, Ganesh M.
; APPLICANT: Ellich, Tedd D.
; APPLICANT: Logusch, Eugene W.
; APPLICANT: Rao, Sudabathula
; APPLICANT: Ream, Joel E.
; APPLICANT: Logusch, Sherry J.
; TITLE OF INVENTION: Methods for controlling gibberellin levels
; FILE REFERENCE: WOBT.216
; CURRENT APPLICATION NUMBER: US/09/371,307A
; CURRENT FILING DATE: 1999-08-10
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 85
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer
US-09-371-307-85

Query Match          0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAATAAAAAAAAAA 2726
Db 19 BAAAAAATAAAAAAAAAA 1
```

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RESULT 603
US-10-182-230-196/c
; Sequence 196, Application US/10182230
; Publication No. US20030215817A1
; GENERAL INFORMATION:
; APPLICANT: Leonardi, Amedeo
; APPLICANT: Sartani, Abraham
; APPLICANT: Glass, James R.
; APPLICANT: Sutcliffe, J. Gregor
; APPLICANT: Hasel, Karl W.
; TITLE OF INVENTION: Modulation of Gene Expression in Formation of Fatty Atherosclerotic Lesions
; FILE REFERENCE: 216019-143
; CURRENT APPLICATION NUMBER: US/10/182,230
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: 60/177,963
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 197
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 196
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: 3' sequencing primer for dir
; FEATURE:
; OTHER INFORMATION: ct sequencing
; NAME/KEY: misc feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: v stands for a, c, or g
US-10-182-230-196
Query Match 0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA 2726
Db 19 BAAAAA 1

RESULT 604
US-10-401-321-85/c
; Sequence 85, Application US/10401321
; Publication No. US20030233679A1
; GENERAL INFORMATION:
; APPLICANT: Brown, Sherri M.
; APPLICANT: Heck, Gregory R.
; APPLICANT: Filler, Kenneth J.
; APPLICANT: Kileshore, Ganesh M.
; APPLICANT: Ellich, Tedd D.
; APPLICANT: Logusch, Eugene W.
; APPLICANT: Rao, Sudabathula
; APPLICANT: Ream, Joel E.
; APPLICANT: Logusch, Sherry J.
; APPLICANT: Baerson, Scott R.
; TITLE OF INVENTION: Methods for Controlling Gibberellin Levels
; FILE REFERENCE: 11899.0216.DVUS01 (MOBT:216--1)
; CURRENT APPLICATION NUMBER: US/10/401,321
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 85
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-401-321-85
Query Match 0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA 2726
Db 19 BAAAAA 1

RESULT 605
US-10-176-884-44/c
; Sequence 44, Application US/10176884
; Publication No. US20030128642A1
; GENERAL INFORMATION:
; APPLICANT: Fischer, Robert
; APPLICANT: Kinoshita, Tetsu
; APPLICANT: Yadegari, Ramin
; APPLICANT: Gehring, Nary
; APPLICANT: Okamuro, Jack
; APPLICANT: Dang, Van-Dinh
; APPLICANT: The Regents of the University of California
; APPLICANT: Ceres, Inc.
; TITLE OF INVENTION: Compositions and Methods for Modulating Plant
; FILE REFERENCE: 023070-116710US
; CURRENT APPLICATION NUMBER: US/10/176,884
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: US 60/300,506
; PRIOR FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo (dT) -18
; OTHER INFORMATION: primer, oligo dT
US-10-176-884-44
Query Match 0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA 2726
Db 19 BAAAAA 1

RESULT 606
US-10-177-478-1/c
; Sequence 1, Application US/10177478
; Publication No. US20030165903A1
; GENERAL INFORMATION:
; APPLICANT: Dang, Van-Dinh
; APPLICANT: Okamuro, Jack
; TITLE OF INVENTION: Chimeric Histone Acetyltransferase
; FILE REFERENCE: 11696-037001
; CURRENT APPLICATION NUMBER: US/10/177,478
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: U.S. 60/300,135
; PRIOR FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-177-478-1
Query Match 0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAA 2726
Db 19 BAAAAA 1
```

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2726
:|||||
Db 19 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 607

US-10-950-095-73/c
; Sequence 73, Application US/10950095
; Publication No. US20050223434A1
; GENERAL INFORMATION:
; APPLICANT: ALEXANDROV, Nikolai, et. al.
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL FOR
; TITLE OF INVENTION: MODIFYING PLANT CHARACTERISTICS
; FILE REFERENCE: 2750-1578PUS2
; CURRENT APPLICATION NUMBER: US/10/950,095
; CURRENT FILING DATE: 2004-09-23
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 73
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligo (dT)18 primer
US-10-950-095-73

Query Match 0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2726
:|||||
Db 19 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 608

US-10-950-321-1/c
; Sequence 1, Application US/10950321
; Publication No. US20050223422A1
; GENERAL INFORMATION:
; APPLICANT: COOK, Zhihong et al.
; TITLE OF INVENTION: PROMOTER, PROMOTER CONTROL ELEMENTS, AND COMBINATIONS, AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 2750-1577PUS2
; CURRENT APPLICATION NUMBER: US/10/950,321
; CURRENT FILING DATE: 2004-09-23
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligo (dT)18 primer
US-10-950-321-1

Query Match 0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2726
:|||||
Db 19 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 609

US-10-957-569-1/c
; Sequence 1, Application US/10957569
; Publication No. US20050246785A1
; GENERAL INFORMATION:
; APPLICANT: COOK, Zhihong et al.
; TITLE OF INVENTION: PROMOTER, PROMOTER CONTROL ELEMENTS, AND COMBINATIONS, AND USES

; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 2750-1577PUS3
; CURRENT APPLICATION NUMBER: US/10/957,569
; CURRENT FILING DATE: 2004-09-30
; PRIOR APPLICATION NUMBER: US 10/950,321
; PRIOR FILING DATE: 2004-09-23
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligo (dT)18 primer
US-10-957-569-1

Query Match 0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2726
:|||||
Db 19 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 610

US-10-965-470-1/c
; Sequence 1, Application US/10965470
; Publication No. US20050204429A1
; GENERAL INFORMATION:
; APPLICANT: PENNELL, Roger
; APPLICANT: APUYA, Nestor
; APPLICANT: MEDRANO, Leonard
; APPLICANT: FELDMANN, Kenneth
; TITLE OF INVENTION: PROMOTER, PROMOTER CONTROL ELEMENTS, AND COMBINATIONS, AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 2750-1580PUS2
; CURRENT APPLICATION NUMBER: US/10/965,470
; CURRENT FILING DATE: 2004-10-13
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-10-965-470-1

Query Match 0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAAAAAA 2726
:|||||
Db 19 BAAAAAAAAAAAAAAAAAAAAA 1

RESULT 611

US-10-981-334-67/c
; Sequence 67, Application US/10981334
; Publication No. US20060008816A1
; GENERAL INFORMATION:
; APPLICANT: LU, Yu-Ping et al.
; TITLE OF INVENTION: PROMOTER, PROMOTER CONTROL ELEMENTS, AND COMBINATIONS, AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 2750-1581PUS2
; CURRENT APPLICATION NUMBER: US/10/981,334
; CURRENT FILING DATE: 2004-11-04
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 67
; LENGTH: 19

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligo(dT)18 primer
US-10-981-334-67

Query Match          0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAA..... 2726
Db 19 BAAAAA..... 1

RESULT 612
US-11-010-239-132/c
; Sequence 132, Application US/11010239
; Publication No. US20060015970A1
; GENERAL INFORMATION:
; APPLICANT: Roger PENNELL
; APPLICANT: Jack OKAMURO
; APPLICANT: Richard SCHNEEBERGER
; APPLICANT: Yiwen FANG
; APPLICANT: Shing KWOK
; APPLICANT: Diane JOFUKU
; APPLICANT: Edward A. KIEGLE
; APPLICANT: Jonathan DONSON
; APPLICANT: Nestor APUYA
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL FOR
; FILE REFERENCE: 2750-1585PUS2
; CURRENT APPLICATION NUMBER: US/11/010,239
; CURRENT FILING DATE: 2004-12-09
; PRIOR APPLICATION NUMBER: US 60/529,352
; PRIOR FILING DATE: 2003-12-12
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 132
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligo(dT)18 primer
US-11-010-239-132

Query Match          0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAA..... 2726
Db 19 BAAAAA..... 1

RESULT 613
US-11-051-456-44/c
; Sequence 44, Application US/11051456
; Publication No. US20050229270A1
; GENERAL INFORMATION:
; APPLICANT: Fischer, Robert
; APPLICANT: Kinoshita, Tetsu
; APPLICANT: Yadegari, Ramin
; APPLICANT: Gehring, Mary
; APPLICANT: Okamuro, Jack
; APPLICANT: Dang, Van-Dinh
; APPLICANT: The Regents of the University of California
; APPLICANT: Ceres, Inc.
; TITLE OF INVENTION: Compositions and Methods for Modulating Plant
; FILE REFERENCE: 023070-116710US
; CURRENT APPLICATION NUMBER: US/11/051.456
; CURRENT FILING DATE: 2005-02-04
```

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; PRIOR APPLICATION NUMBER: US/10/176,884
; PRIOR FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: US 60/300,506
; PRIOR FILING DATE: 2001-06-22
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligo(dT)-18
; OTHER INFORMATION: primer, oligo dTV
US-11-051-456-44

Query Match          0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAA..... 2726
Db 19 BAAAAA..... 1

RESULT 614
US-11-114-406-1/c
; Sequence 1, Application US/11114406
; Publication No. US20050266559A1
; GENERAL INFORMATION:
; APPLICANT: KWOK, Shing et al.
; TITLE OF INVENTION: SHADE RESPONSIVE PROMOTER, PROMOTER CONTROL ELEMENTS, AND COMBIN
; FILE REFERENCE: 2750-2140PUS2
; CURRENT APPLICATION NUMBER: US/11/114,406
; CURRENT FILING DATE: 2005-04-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide primer
US-11-114-406-1

Query Match          0.7%; Score 18.2; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6e+02;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAA..... 2726
Db 19 BAAAAA..... 1

RESULT 615
US-09-370-541-14/c
; Sequence 14, Application US/09370541
; Publication No. US2003008079A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Prakash, Thazha P
; APPLICANT: Kawasaki, Andrew M
; TITLE OF INVENTION: Aminoxy-Modified Nucleosidic Compounds And Oligomeric
; FILE REFERENCE: IS183993
; CURRENT APPLICATION NUMBER: US/09/370,541
; CURRENT FILING DATE: 1999-08-09
; EARLIER APPLICATION NUMBER: 09/130,973
; EARLIER FILING DATE: 1998-08-07
; EARLIER APPLICATION NUMBER: 09/016,520
; EARLIER FILING DATE: 1998-01-30
; EARLIER APPLICATION NUMBER: 60/037,143
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; EARLIER FILING DATE: 1997-02-14
; EARLIER APPLICATION NUMBER: 09/344,260
; EARLIER FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
; OTHER INFORMATION: sequence
US-09-370-541-14

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 616
US-09-776-479-913/c
; Sequence 913, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-913

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 617
US-09-776-479-913/c
; Sequence 913, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-913

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 618
US-09-776-479-939/c
; Sequence 939, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-939

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 619
US-09-776-479-939/c
; Sequence 939, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
US-09-776-479-939
```

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; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-939

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 620
US-09-809-545A-84/c
; Sequence 84, Application US/09809545A
; Patent No. US20020110804A1
; GENERAL INFORMATION:
; APPLICANT: Stanton, Lawrence W.
; APPLICANT: White, R. Tyler
; TITLE OF INVENTION: SECRETED FACTORS
; FILE REFERENCE: SCIOS.017A
; CURRENT APPLICATION NUMBER: US/09/809,545A
; CURRENT FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligos corresponding to polylinker sequence.
US-09-809-545A-84

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 621
US-09-888-326-837/c
; Sequence 837, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weinert, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AWS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 837
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (0)-(0)
; OTHER INFORMATION: phosphorothioate backbone
US-09-888-326-837

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 622
US-09-979-275A-7/c
; Sequence 7, Application US/09979275A
; Publication No. US20040110919A1
; GENERAL INFORMATION:
; APPLICANT: NAGAI, HIROSHI
; APPLICANT: KURODA, KYOKO
; APPLICANT: NAKAJIMA, TERUMI
; TITLE OF INVENTION: NOVEL PROTEINS HAVING HEMOLYTIC ACTIVITY AND GENES
; FILE REFERENCE: 037181.50611US
; CURRENT APPLICATION NUMBER: US/09/979,275A
; CURRENT FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/JP01/02209
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: JP 2000-78967
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides
US-09-979-275A-7

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 623
US-10-017-995-913/c
; Sequence 913, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-913

Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1
```

Db 18 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 624

US-10-017-995-939/c
; Sequence 939, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-939

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAA 2726

Db 18 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 625

US-10-056-479A-15/c
; Sequence 15, Application US/10056479A
; Publication No. US20030175678A1
; GENERAL INFORMATION:
; APPLICANT: Bowen, Benjamin A.
; APPLICANT: Deakin, Edward
; APPLICANT: Goldsmith, Neil
; APPLICANT: Haudenschild, Christian
; APPLICANT: Houck, David
; APPLICANT: McAlpine, James B.
; APPLICANT: Neilsen, Soren
; APPLICANT: Pazoles, Christopher
; APPLICANT: Spencer, Margaret E.
; APPLICANT: Stafford, Angela
; TITLE OF INVENTION: Methods for Identifying Genes Regulating
; FILE REFERENCE: 50273/005002
; CURRENT APPLICATION NUMBER: US/10/056,479A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/263,807
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-056-479A-15

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAA 2726

Db 18 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 626

US-10-075-335-9/c
; Sequence 9, Application US/10075335
; Publication No. US20030186237A1
; GENERAL INFORMATION:
; APPLICANT: Ginsberg, Stephen
; APPLICANT: Che, Shaoli
; TITLE OF INVENTION: Methods and Compositions of Amplifying RNA
; FILE REFERENCE: HO-P02202US2
; CURRENT APPLICATION NUMBER: US/10/075,335
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/268,664
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/348,242
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/268,645
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/344,557
; PRIOR FILING DATE: 2001-11-07
; PRIOR APPLICATION NUMBER: 60/306,216
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 60/350,176
; PRIOR FILING DATE: 2001-11-09
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-075-335-9

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAA 2726

Db 18 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 627

US-10-112-653-882/c
; Sequence 882, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 882
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-882

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAA 2726

Tue Nov 7 10:41:37 2006

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; GENERAL INFORMATION:
; APPLICANT: Xu, Zhidong
; APPLICANT: Jablons, David
; APPLICANT: You, Liang
; APPLICANT: He, Biao
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Methods of Amplifying Long Sense Strand RNA
; FILE REFERENCE: 023070-119510US
; CURRENT APPLICATION NUMBER: US/10/206,613
; CURRENT FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 60/308,190
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligo dT-18
; OTHER INFORMATION: linker primer
; US-10-206-613-4

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 630
US-10-208-357-24
; Sequence 24, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for nucleic acid purification
; US-10-208-357-24

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2726
Db 1 AAAAAAAAAAAAAAAAAAAAAA 18

RESULT 631
US-10-271-602B-84
; Sequence 84, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li

```

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Db 18 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 628
US-10-125-295-9/c
; Sequence 9, Application US/10125295
; Publication No. US20020164572A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Ching-I Patsy
; APPLICANT: Wallace, Robert Bruce
; APPLICANT: Cossman, Jeffrey
; APPLICANT: French, Cynthia
; TITLE OF INVENTION: Lyophilization of Cultured Human Cells
; to Preserve RNA and DNA
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESS: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/125,295
; FILING DATE: 17-Apr-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/545,225
; FILING DATE: 07-Apr-2000
; APPLICATION NUMBER: US 08/884,029
; FILING DATE: 27-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Parent, Annette S.
; REGISTRATION NUMBER: 42,058
; REFERENCE/DOCKET NUMBER: 02558B-059100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13..18
; OTHER INFORMATION: /mod_base= OTHER
; /note= "t at positions 13-18 may be
; present or absent
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-125-295-9

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 629
US-10-206-613-4/c
; Sequence 4, Application US/10206613
; Publication No. US20030104432A1

```

```
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; FILE REFERENCE: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: US/10/271,602B
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-84
```

```
Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 2709 AAAAAAAAAAAAAAAAAA 2726
      |||||
Db 1 AAAAAAAAAAAAAAAAAA 18
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RESULT 632

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US-10-292-088-144/c
; Sequence 144, Application US/10292088
; Publication No. US2003021100A1
; GENERAL INFORMATION:
; APPLICANT: BEDIAN VAHE
; APPLICANT: GLADUE, RONALD P.
; APPLICANT: CORVALAN, JOSE
; APPLICANT: JIA, XIAO-CHI
; APPLICANT: FENG, XIAO
; TITLE OF INVENTION: ANTIBODIES TO CD40
; FILE REFERENCE: ABX-PE/3 US
; CURRENT APPLICATION NUMBER: US/10/292,088
; CURRENT FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: 60/348,980
; PRIOR FILING DATE: 2001-11-09
; NUMBER OF SEQ ID NOS: 147
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 144
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-292-088-144
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Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 2709 AAAAAAAAAAAAAAAAAA 2726
      |||||
Db 18 AAAAAAAAAAAAAAAAAA 1
```

RESULT 633

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US-10-314-578-913/c
; Sequence 913, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-913
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Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Qy 2709 AAAAAAAAAAAAAAAAAA 2726
      |||||
Db 18 AAAAAAAAAAAAAAAAAA 1
```

RESULT 634

```
US-10-314-578-939/c
; Sequence 939, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-939
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```
Query Match          0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAA 2726
      |||||
Db 18 AAAAAAAAAAAAAAAAAA 1
```

| | |
|----|--------------------------------------------------------------|
| | TELEPHONE: (202)638-6666 |
| | TELEFAX: (202) 393-5350 |
| | TELEX: RCA 248593 IDEA UR |
| | INFORMATION FOR SEQ ID NO: 12: |
| | SEQUENCE CHARACTERISTICS: |
| | LENGTH: 18 base pairs |
| | TYPE: nucleic acid |
| | STRANDEDNESS: single |
| | TOPOLOGY: linear |
| | MOLECULE TYPE: DNA (genomic) |
| | HYPOTHETICAL: NO |
| | ANTI-SENSE: NO |
| | FRAGMENT TYPE: N-terminal |
| | FEATURE: |
| | NAME/KEY: CDS |
| | LOCATION: 1..18 |
| | SEQUENCE DESCRIPTION: SEQ ID NO: 12: |
| | US-10-352-704-12 |
| | Query Match 0.7%; Score 18; DB 1; Length 18; |
| | Best Local Similarity 100.0%; Pred. No. 6.5e+02; |
| | Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0; |
| QY | 2709 AAAAAAAAAAAAAAAA 2726 |
| | |
| DB | 18 AAAAAAAAAAAAAAAA 1 |
| | RESULT 637 |
| | US-10-352-704-18 |
| | ; Sequence 18, Application US/10352704 |
| | ; Publication No. US20030176690A1 |
| | ; GENERAL INFORMATION: |
| | APPLICANT: Chatelain, Francois |
| | Kumarev, Viktor |
| | TITLE OF INVENTION: Process for Preparing Polynucleotides on |
| | a Solid Support and Apparatus Permitting its |
| | Implementation |
| | NUMBER OF SEQUENCES: 31 |
| | CORRESPONDENCE ADDRESS: |
| | ADDRESSEE: Jacobson, Price, Holman & Stern |
| | STREET: 400 Seventh St. N.W. |
| | CITY: Washington D.C |
| | STATE: D.C |
| | COUNTRY: U.S.A. |
| | ZIP: 20004 |
| | COMPUTER READABLE FORM: |
| | MEDIUM TYPE: Floppy disk |
| | COMPUTER: IBM PC compatible |
| | OPERATING SYSTEM: PC-DOS/MS-DOS |
| | SOFTWARE: PatentIn Release #1.0, Version #1.25 |
| | CURRENT APPLICATION DATA: |
| | APPLICATION NUMBER: US/10/352,704 |
| | FILING DATE: 28-Jan-2003 |
| | CLASSIFICATION: 536 |
| | PRIOR APPLICATION DATA: |
| | APPLICATION NUMBER: US/08/358,556A |
| | FILING DATE: 14-DEC-1994 |
| | APPLICATION NUMBER: FR 9315164 |
| | FILING DATE: 16-DEC-1993 |
| | ATTORNEY/AGENT INFORMATION: |
| | NAME: Player, William E. |
| | REGISTRATION NUMBER: 31,409 |
| | REFERENCE/DOCKET NUMBER: 10577/P58418 |
| | TELECOMMUNICATION INFORMATION: |
| | TELEPHONE: (202)638-6666 |
| | TELEFAX: (202) 393-5350 |
| | TELEX: RCA 248593 IDEA UR |
| | INFORMATION FOR SEQ ID NO: 18: |
| | SEQUENCE CHARACTERISTICS: |
| | LENGTH: 18 base pairs |
| | TYPE: nucleic acid |
| | STRANDEDNESS: single |

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; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: N-terminal
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..18
; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-352-704-18
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Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Oy 2709 AAAAAAAAAAAAAAAAAA 2726
| | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAAAAA 18
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```
RESULT 638
US-10-389-155-97/c
; Sequence 97, Application US/10389155
; Publication No. US20030229208A1
; GENERAL INFORMATION:
; APPLICANT: Queen, Cary L.
; Co, Man Sung
; Schneider, William P.
; Landolfi, Nicholas F.
; Coelingh, Kathleen L.
; Selick, Harold E.
; TITLE OF INVENTION: Improved Humanized Immunoglobulins
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
```

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/389,155
FILING DATE: 13-Mar-2003
```

```
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/325,000
FILING DATE: 01-JUN-1999
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
```

```
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
```

```
INFORMATION FOR SEQ ID NO: 97:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13..18
; OTHER INFORMATION: /mod base= OTHER
; /note= "T at positions 13-18 may be
; present or absent"
; SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-10-389-155-97
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Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
Oy 2709 AAAAAAAAAAAAAAAAAA 2726
| | | | | | | | | | | | | | | |
Db 18 AAAAAAAAAAAAAAAAAA 1
```

```
RESULT 639
US-10-389-417-97/c
; Sequence 97, Application US/10389417
; Publication No. US20040049014A1
; GENERAL INFORMATION:
; APPLICANT: Queen, Cary L.
; Co, Man Sung
; Schneider, William P.
; Landolfi, Nicholas F.
; Coelingh, Kathleen L.
; Selick, Harold E.
; TITLE OF INVENTION: Improved Humanized Immunoglobulins
; NUMBER OF SEQUENCES: 100
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
```

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/389,417
FILING DATE: 13-Mar-2003
CLASSIFICATION: <Unknown>
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/325,000
FILING DATE: 01-JUN-1999
APPLICATION NUMBER: US 07/290,975
FILING DATE: 28-DEC-1988
APPLICATION NUMBER: US 07/310,252
FILING DATE: 13-FEB-1989
APPLICATION NUMBER: US 07/590,274
FILING DATE: 28-SEP-1990
APPLICATION NUMBER: US 07/634,278
FILING DATE: 19-DEC-1990
APPLICATION NUMBER: US 08/484,537
FILING DATE: 07-JUN-1995
```

```
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 011823-002650US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 97:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
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```

; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13..18
; OTHER INFORMATION: /mod_base=OTHER
; /note= "t at positions 13-18 may be
; present or absent"
; SEQUENCE DESCRIPTION: SEQ ID NO: 97:
US-10-389-417-97
Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 640
US-10-494-141A-1/c
; Sequence 1, Application US/10494141A
; Publication No. US20050233455A1
; GENERAL INFORMATION:
; APPLICANT: DAMHA, MASAD J.
; APPLICANT: VIAZOVKINA, EKATERINA
; APPLICANT: MANGOS, MARIA M.
; APPLICANT: PARNIAK, MICHAEL A.
; APPLICANT: MIN, KYUNG-LYUM
; TITLE OF INVENTION: ACYCLIC LINKER-CONTAINING OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 701826-055310
; CURRENT APPLICATION NUMBER: US/10/494,141A
; PRIOR FILING DATE: 2004-04-29
; PRIOR APPLICATION NUMBER: PCT/CA02/01628
; PRIOR FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: 60/330,719
; PRIOR FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: polynucleotide sequence
US-10-494-141A-1
Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 641
US-10-494-141A-11/c
; Sequence 11, Application US/10494141A
; Publication No. US20050233455A1
; GENERAL INFORMATION:
; APPLICANT: DAMHA, MASAD J.
; APPLICANT: VIAZOVKINA, EKATERINA
; APPLICANT: MANGOS, MARIA M.
; APPLICANT: PARNIAK, MICHAEL A.
; APPLICANT: MIN, KYUNG-LYUM
; TITLE OF INVENTION: ACYCLIC LINKER-CONTAINING OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 701826-055310
; CURRENT APPLICATION NUMBER: US/10/494,141A
; PRIOR FILING DATE: 2004-04-29

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; PRIOR APPLICATION NUMBER: PCT/CA02/01628
; PRIOR FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: 60/330,719
; PRIOR FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 11
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: polynucleotide sequence
; NAME/KEY: modified_base
; LOCATION: (1)..(9)
; OTHER INFORMATION: 2'-deoxy-2'-fluoroarabinothymidine
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (10)
; OTHER INFORMATION: secouridine
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (11)..(18)
; OTHER INFORMATION: 2'-deoxy-2'-fluoroarabinothymidine
US-10-494-141A-11
Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 642
US-10-494-141A-12/c
; Sequence 12, Application US/10494141A
; Publication No. US20050233455A1
; GENERAL INFORMATION:
; APPLICANT: DAMHA, MASAD J.
; APPLICANT: VIAZOVKINA, EKATERINA
; APPLICANT: MANGOS, MARIA M.
; APPLICANT: PARNIAK, MICHAEL A.
; APPLICANT: MIN, KYUNG-LYUM
; TITLE OF INVENTION: ACYCLIC LINKER-CONTAINING OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 701826-055310
; CURRENT APPLICATION NUMBER: US/10/494,141A
; PRIOR FILING DATE: 2004-04-29
; PRIOR APPLICATION NUMBER: PCT/CA02/01628
; PRIOR FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: 60/330,719
; PRIOR FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 12
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: polynucleotide sequence
; NAME/KEY: modified_base
; LOCATION: (1)..(8)
; OTHER INFORMATION: 2'-deoxy-2'-fluoroarabinothymidine
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (9)..(10)
; OTHER INFORMATION: secouridine
; FEATURE:
; NAME/KEY: modified_base

```



```
; LOCATION: (11)..(18)
; OTHER INFORMATION: 2'-deoxy-2'-fluoroarabinothymidine
US-10-494-141A-12

Query Match      0.7%  Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2726
    |||||
Db 18 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 643
US-10-494-141A-27
; Sequence 27, Application US/10494141A
; Publication No. US20050233455A1
; GENERAL INFORMATION:
; APPLICANT: DAMHA, MASAD J.
; APPLICANT: VIAZOVKINA, EKATERINA
; APPLICANT: MANGOS, MARIA M.
; APPLICANT: PARNIAK, MICHAEL A.
; APPLICANT: MIN, KYUNG-LYUM
; TITLE OF INVENTION: ACYCLIC LINKER-CONTAINING OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 701826-055310
; CURRENT APPLICATION NUMBER: US/10/494,141A
; CURRENT FILING DATE: 2004-04-29
; PRIOR APPLICATION NUMBER: PCT/CA02/01628
; PRIOR FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: 60/330,719
; PRIOR FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn ver. 3.3
; SEQ ID NO 27
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: polynucleotide sequence
US-10-494-141A-27

Query Match      0.7%  Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2726
    |||||
Db 1 AAAAAAAAAAAAAAAAAAAAAA 18

RESULT 644
US-10-494-141A-7/c
; Sequence 7, Application US/10494141A
; Publication No. US20050233455A1
; GENERAL INFORMATION:
; APPLICANT: DAMHA, MASAD J.
; APPLICANT: VIAZOVKINA, EKATERINA
; APPLICANT: MANGOS, MARIA M.
; APPLICANT: PARNIAK, MICHAEL A.
; APPLICANT: MIN, KYUNG-LYUM
; TITLE OF INVENTION: ACYCLIC LINKER-CONTAINING OLIGONUCLEOTIDES AND USES THEREOF
; FILE REFERENCE: 701826-055310
; CURRENT APPLICATION NUMBER: US/10/494,141A
; CURRENT FILING DATE: 2004-04-29
; PRIOR APPLICATION NUMBER: PCT/CA02/01628
; PRIOR FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: 60/330,719
; PRIOR FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn ver. 3.3
; SEQ ID NO 7
; LENGTH: 18
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: polynucleotide sequence
; NAME/KEY: modified base
; LOCATION: (1)..(18)
; OTHER INFORMATION: fluoroarabinothymidine
US-10-494-141A-7

Query Match      0.7%  Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2726
    |||||
Db 18 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 645
US-10-503-120-1/c
; Sequence 1, Application US/10503120
; Publication No. US20050142535A1
; GENERAL INFORMATION:
; APPLICANT: MCGILL UNIVERSITY ET AL.
; TITLE OF INVENTION: OLIGONUCLEOTIDES COMPRISING ALTERNATING SEGMENTS AND USES THEREOF
; FILE REFERENCE: 85827-63
; CURRENT APPLICATION NUMBER: US/10/503,120
; CURRENT FILING DATE: 2004-07-30
; PRIOR APPLICATION NUMBER: US 60/352,873
; PRIOR FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-10-503-120-1

Query Match      0.7%  Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAAAAAA 2726
    |||||
Db 18 AAAAAAAAAAAAAAAAAAAAAA 1

RESULT 646
US-10-503-120-10/c
; Sequence 10, Application US/10503120
; Publication No. US20050142535A1
; GENERAL INFORMATION:
; APPLICANT: MCGILL UNIVERSITY ET AL.
; TITLE OF INVENTION: OLIGONUCLEOTIDES COMPRISING ALTERNATING SEGMENTS AND USES THEREOF
; FILE REFERENCE: 85827-63
; CURRENT APPLICATION NUMBER: US/10/503,120
; CURRENT FILING DATE: 2004-07-30
; PRIOR APPLICATION NUMBER: US 60/352,873
; PRIOR FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc_feature
```

; LOCATION: (1)..(18)
; OTHER INFORMATION: Residues 1-6 and 13-18 are 2'-O-methyl-D-uridine
US-10-503-120-10

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
|||
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 647

US-10-503-120-21
; Sequence 21, Application US/10503120
; Publication No. US20050142535A1
; GENERAL INFORMATION:
; APPLICANT: MCGILL UNIVERSITY ET AL.
; TITLE OF INVENTION: OLIGONUCLEOTIDES COMPRISING ALTERNATING SEGMENTS AND USES THEREOF
; FILE REFERENCE: 85827-63
; CURRENT APPLICATION NUMBER: US/10/503,120
; PRIOR FILING DATE: 2004-07-30
; PRIOR APPLICATION NUMBER: US 60/352,873
; PRIOR FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Target RNA oligonucleotide
US-10-503-120-21

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
|||
DB 1 AAAAAAAAAAAAAAAAAA 18

RESULT 648

US-10-503-120-8/c
; Sequence 8, Application US/10503120
; Publication No. US20050142535A1
; GENERAL INFORMATION:
; APPLICANT: MCGILL UNIVERSITY ET AL.
; TITLE OF INVENTION: OLIGONUCLEOTIDES COMPRISING ALTERNATING SEGMENTS AND USES THEREOF
; FILE REFERENCE: 85827-63
; CURRENT APPLICATION NUMBER: US/10/503,120
; PRIOR FILING DATE: 2004-07-30
; PRIOR APPLICATION NUMBER: US 60/352,873
; PRIOR FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: Residues 1, 3, 5, 7, 9, 11, 13, 15 and 17 are 2'-O-methyl-D-uridine
; OTHER INFORMATION: ne
US-10-503-120-8

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
|||
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 649

US-10-503-120-9/c
; Sequence 9, Application US/10503120
; Publication No. US20050142535A1
; GENERAL INFORMATION:
; APPLICANT: MCGILL UNIVERSITY ET AL.
; TITLE OF INVENTION: OLIGONUCLEOTIDES COMPRISING ALTERNATING SEGMENTS AND USES THEREOF
; FILE REFERENCE: 85827-63
; CURRENT APPLICATION NUMBER: US/10/503,120
; PRIOR FILING DATE: 2004-07-30
; PRIOR APPLICATION NUMBER: US 60/352,873
; PRIOR FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(15)
; OTHER INFORMATION: Residues 1-3, 7-9, and 13-15 are 2'-O-methyl-D-uridine
US-10-503-120-9

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
|||
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 650

US-10-543-683-4/c
; Sequence 4, Application US/10543683
; Publication No. US20060035235A1
; GENERAL INFORMATION:
; APPLICANT: Mitsuugu USUI
; APPLICANT: Toshihiko FUJIKAWA
; TITLE OF INVENTION: Signal Amplification Method for Detecting Expressed Gene
; FILE REFERENCE: 2005-1209A/WMC/01531
; CURRENT APPLICATION NUMBER: US/10/543,683
; CURRENT FILING DATE: 2005-07-28
; PRIOR APPLICATION NUMBER: JP 2003-037212
; PRIOR FILING DATE: 2003-02-14
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: poly dT primer
US-10-543-683-4

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
|||
DB 18 AAAAAAAAAAAAAAAAAA 1

```
RESULT 651
US-10-601-140A-24/c
; Sequence 24, Application US/10601140A
; Publication No. US20050053942A1
; GENERAL INFORMATION:
; APPLICANT: KAUPPINEN, SAKARI
; APPLICANT: JACOBSEN, NANA
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR DETECTION AND ISOLATION OF A
; FILE REFERENCE: NUCLEOTIDE SEQUENCE
; FILE REFERENCE: 57764 (71994)
; CURRENT FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US/10/601,140A
; PRIOR FILING DATE: 2003-06-20
; PRIOR APPLICATION NUMBER: US 60/390,928
; PRIOR FILING DATE: 2002-06-24
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 24
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; NAME/KEY: misc.feature
; LOCATION: (1)..(18)
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides
US-10-601-140A-24

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 652
US-10-628-525-30
; Sequence 30, Application US/10628525
; Publication No. US20040185114A1
; GENERAL INFORMATION:
; APPLICANT: Keeling, Peter
; APPLICANT: Guan, Hanning
; TITLE OF INVENTION: Starch Encapsulation
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle
; CITY: Boulder
; STATE: CO
; COUNTRY: US
; ZIP: 80303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/628,525
; FILING DATE: 28-Jul-2003
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/941,445
; FILING DATE: 30-SEP-1997
; APPLICATION NUMBER: US 60/026,855
; FILING DATE: 30-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Winner, Ellen P
; REGISTRATION NUMBER: 28,547
; REFERENCE/DOCKET NUMBER: 89-97
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
```

```
TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: Not Relevant
; MOLECULE TYPE: cDNA to mRNA
; HYPOTHETICAL: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 30:
US-10-628-525-30

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 653
US-10-638-141-10/c
; Sequence 10, Application US/10638141
; Publication No. US20050003364A1
; GENERAL INFORMATION:
; APPLICANT: Stanton, Lawrence W.
; APPLICANT: Kapoun, Ann Marie
; TITLE OF INVENTION: SECRETED FACTORS
; FILE REFERENCE: SCIOS-013A
; CURRENT APPLICATION NUMBER: US/10/638,141
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: US/09/665,728
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: 60/156,277
; PRIOR FILING DATE: 1999-09-27
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-638-141-10

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 654
US-10-653-416-26/c
; Sequence 26, Application US/10653416
; Publication No. US20040110201A1
; GENERAL INFORMATION:
; APPLICANT: RASHTCHIAN, AYOUB
; APPLICANT: SCHUSTER, DAVID M.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
; FILE REFERENCE: 38266-0011
; CURRENT APPLICATION NUMBER: US/10/653,416
; CURRENT FILING DATE: 2003-09-03
; PRIOR APPLICATION NUMBER: 60/407,248
; PRIOR FILING DATE: 2002-09-03
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 26
; LENGTH: 18
; TYPE: DNA
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Tue Nov 7 10:41:37 2006

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; OTHER INFORMATION: mRNA
US-10-674-159A-112

Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 657
US-10-735-592-1/C
; Sequence 1, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037, 70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-1

Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 658
US-10-766-096-9/C
; Sequence 9, Application US/10766096
; Publication No. US20040265786A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Ching-I Patsy
; Wallace, Robert Bruce
; Cossman, Jeffrey
; French, Cynthia
; TITLE OF INVENTION: Lyophilization of Cultured Human Cells
; to Preserve RNA and DNA
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/766,096
; FILING DATE: 27-Jan-2004
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/884,029
; FILING DATE: 27-JUN-1997
;

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; FEATURE:
; OTHER INFORMATION: oligonucleotide
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides according
; to the specification as filed
US-10-653-416-26

Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 655
US-10-669-962-27/C
; Sequence 27, Application US/10669962
; Publication No. US20050081264A1
; GENERAL INFORMATION:
; APPLICANT: Brugliera, Filippo
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; AND USES THEREFOR
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/10/669,962
; CURRENT FILING DATE: 2003-09-24
; PRIOR APPLICATION NUMBER: US/09/142,108C
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: P8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-669-962-27

Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2725
Db 18 TAAAAAAAAAAAAAAAAA 1

RESULT 656
US-10-674-159A-112/C
; Sequence 112, Application US/10674159A
; Publication No. US20040242518A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Jianzhu
; APPLICANT: Ge, Qing
; APPLICANT: Eisen, Herman
; TITLE OF INVENTION: Influenza Therapeutic
; FILE REFERENCE: 0492611-0506
; CURRENT APPLICATION NUMBER: US/10/674,159A
; CURRENT FILING DATE: 2003-09-29
; NUMBER OF SEQ ID NOS: 271
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 112
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Parent, Annette S.
; REGISTRATION NUMBER: 42,058
; REFERENCE/DOCKET NUMBER: 02558B-059100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: 13..18
; OTHER INFORMATION: /mod_base= OTHER
; /note= "t at positions 13-18 may be
; present or absent"
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-766-096-9
```

```
Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1
```

RESULT 659

```
US-10-775-973-10/c
; Sequence 10, Application US/10775973
; Publication No. US20050158729A1
; GENERAL INFORMATION:
; APPLICANT: Stanton, Lawrence W.
; APPLICANT: Kapoun, Ann Marie
; TITLE OF INVENTION: SECRETED FACTORS
; FILE REFERENCE: SCIOS.014A
; CURRENT APPLICATION NUMBER: US/10/775,973
; CURRENT FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: US/09/665,976
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: 60/156,280
; PRIOR FILING DATE: 1998-09-27
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-775-973-10
```

```
Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1
```

RESULT 660

```
US-10-776-917-141/c
; Sequence 141, Application US/10776917
; Publication No. US20040248840A1
; GENERAL INFORMATION:
; APPLICANT: HANSEN, BO
; APPLICANT: THRU, CHARLOTTE ALBAEK
```

```
; APPLICANT: WESTERGAARD, MAJKEN
; APPLICANT: PETERSEN, KAMILLE DUMONG
; APPLICANT: WISENBACH, MARGIT
; TITLE OF INVENTION: OLIGOMERIC COMPOUNDS FOR THE MODULATION OF RAS EXPRESSION
; FILE REFERENCE: 58609(71432)
; CURRENT APPLICATION NUMBER: US/10/776,917
; CURRENT FILING DATE: 2004-02-10
; PRIOR APPLICATION NUMBER: 60/446,363
; PRIOR FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: DK 2003-01539
; PRIOR FILING DATE: 2003-10-20
; NUMBER OF SEQ ID NOS: 201
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 141
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: poly-T oligonucleotide
; FEATURE:
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides according to the
; OTHER INFORMATION: specification as filed
US-10-776-917-141
```

```
Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1
```

RESULT 661

```
US-10-776-933-150/c
; Sequence 150, Application US/10776933
; Publication No. US20040241717A1
; GENERAL INFORMATION:
; APPLICANT: HANSEN, BO
; APPLICANT: THRU, CHARLOTTE ALBAEK
; APPLICANT: WESTERGAARD, MAJKEN
; APPLICANT: PETERSEN, KAMILLE DUMONG
; APPLICANT: WISENBACH, MARGIT
; TITLE OF INVENTION: OLIGOMERIC COMPOUNDS FOR THE MODULATION OF THIOREDOXIN
; FILE REFERENCE: 58614(71432)
; CURRENT APPLICATION NUMBER: US/10/776,933
; CURRENT FILING DATE: 2004-02-10
; PRIOR APPLICATION NUMBER: 60/446,374
; PRIOR FILING DATE: 2003-02-10
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 150
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: poly-T oligonucleotide
; FEATURE:
; OTHER INFORMATION: This sequence may encompass 12-18 nucleotides
; OTHER INFORMATION: according to the specification as filed
US-10-776-933-150
```

```
Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1
```

Tue Nov 7 10:41:37 2006

```

RESULT 662
US-10-776-934-741/c
; Sequence 741, Application US/10776934
; Publication No. US20050014712A1
; GENERAL INFORMATION:
; APPLICANT: HANSEN, BO
; APPLICANT: THRU, CHARLOTTE ALBAEK
; APPLICANT: WESTERGAARD, MAJKEN
; APPLICANT: PETERSEN, KAMILLE DUMONG
; APPLICANT: WISENBACH, MARGIT
; TITLE OF INVENTION: OLIGOMERIC COMPOUNDS FOR THE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: 58610(71432)
; CURRENT APPLICATION NUMBER: US/10/776,934
; CURRENT FILING DATE: 2004-02-10
; PRIOR APPLICATION NUMBER: 60/446,372
; PRIOR FILING DATE: 2003-02-10
; PRIOR APPLICATION NUMBER: 60/523,591
; PRIOR FILING DATE: 2003-11-19
; NUMBER OF SEQ ID NOS: 741
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 741
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: poly-T oligonucleotide
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides according to the
; OTHER INFORMATION: specification as filed
US-10-776-934-741

Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 663
US-10-785-744-15/c
; Sequence 15, Application US/10785744
; Publication No. US20040133941A1
; GENERAL INFORMATION:
; APPLICANT: Bowen, Benjamin A.
; APPLICANT: Deakin, Edward
; APPLICANT: Goldsmith, Neil
; APPLICANT: Haudenschield, Christian
; APPLICANT: Houck, David
; APPLICANT: McAlpine, James B.
; APPLICANT: Neilsen, Soren
; APPLICANT: Pazoles, Christopher
; APPLICANT: Spencer, Margaret E.
; APPLICANT: Stafford, Angela
; TITLE OF INVENTION: Methods for Identifying Genes Regulating
; TITLE OF INVENTION: Desired Cell Phenotypes
; FILE REFERENCE: 50273/005002
; CURRENT APPLICATION NUMBER: US/10/785,744
; CURRENT FILING DATE: 2004-02-23
; PRIOR APPLICATION NUMBER: US/10/056,479
; PRIOR FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 60/263,807
; PRIOR FILING DATE: 2001-01-24
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-785-744-15

Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 664
US-10-831-778-913/c
; Sequence 913, Application US/10831778
; Publication No. US20040235774A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/831,778
; CURRENT FILING DATE: 2004-04-23
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 913
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-831-778-913

Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 665
US-10-831-778-939/c
; Sequence 939, Application US/10831778
; Publication No. US20040235774A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/831,778
; CURRENT FILING DATE: 2004-04-23
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-831-778-939

Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
DB 18 AAAAAAAAAAAAAAAAAA 1

RESULT 666
US-10-831-778-939/c
; Sequence 939, Application US/10831778
; Publication No. US20040235774A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/831,778
; CURRENT FILING DATE: 2004-04-23
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 939
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-831-778-939

Query Match      0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
DB 18 AAAAAAAAAAAAAAAAAA 1

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Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 666

```

US-10-849-072-21
; Sequence 21, Application US/10849072
; Publication No. US20040214221A1
; GENERAL INFORMATION:
; APPLICANT: Roche Diagnostics GmbH
; TITLE OF INVENTION: High density labeling of DNA with modified or
;                   '
;                   carrying nucleotides and DNA polymerases
; TITLE OF INVENTION: "chromophore"
; TITLE OF INVENTION: used
; FILE REFERENCE: 4780/00/WO
; CURRENT APPLICATION NUMBER: US/10/849,072
; PRIORITY FILING DATE: 2004-05-19
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: second
; OTHER INFORMATION: fragment of SEQ ID NO: 6
US-10-849-072-21

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RESULT 667

```

US-10-849-072-23/c
; Sequence 23, Application US/10849072
; Publication No. US20040214221A1
; GENERAL INFORMATION:
; APPLICANT: Roche Diagnostics GmbH
; TITLE OF INVENTION: High density labeling of DNA with modified or
; TITLE OF INVENTION: "chromophore" carrying nucleotides and DNA polymerases
; TITLE OF INVENTION: used
; FILE REFERENCE: 4780/00/WO
; CURRENT APPLICATION NUMBER: US/10/849,072
; CURRENT FILING DATE: 2004-05-19
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: second
; OTHER INFORMATION: fragment of SEQ ID NO: 6
US-10-849-072-23

```

RESULT 668

US-10-884-617-2/c
; Sequence 2, Application US/10884617
; Publication No. US20050054730A1

```

1  / GENERAL INFORMATION:
2  / APPLICANT: Fu, Jin
3  / APPLICANT: Gaetani, Silvana
4  / APPLICANT: Piomelli, Daniele
5  / APPLICANT: The Regents of the University of California
6  / TITLE OF INVENTION: Compounds, Compositions and Treatments of
7  / TITLE OF INVENTION: Oleoylcholanamide-Like Modulators of PPARalpha
8  / FILE REFERENCE: 02307E-13310US
9  / CURRENT APPLICATION NUMBER: US/10/884,617
10 / CURRENT FILING DATE: 2004-07-01
11 / PRIOR APPLICATION NUMBER: US 60/279,542
12 / PRIOR FILING DATE: 2001-03-27
13 / PRIOR APPLICATION NUMBER: US 60/336,289
14 / PRIOR FILING DATE: 2001-10-31
15 / PRIOR APPLICATION NUMBER: US 10/112,509
16 / PRIOR FILING DATE: 2002-03-27
17 / PRIOR APPLICATION NUMBER: US 60/485,062
18 / PRIOR FILING DATE: 2003-07-02
19 / NUMBER OF SEQ ID NOS: 23
20 / SOFTWARE: PatentIn Ver. 2.1
21 / SEQ ID NO 2
22 / LENGTH: 18
23 / TYPE: DNA
24 / ORGANISM: Artificial Sequence
25 / FEATURE:
26 / OTHER INFORMATION: Description of Artificial Sequence:Oligo(dT)-12-18
27 / OTHER INFORMATION: primer for reverse transcription of total RNA
28 / FEATURE:
29 / NAME/KEY: modified base
30 / LOCATION: (13)..(18)
31 / OTHER INFORMATION: t at positions 13-18 may be present or absent
32 / US-10-884-617-2

```

RESULT 669

```

US2001-0803
US-10-959-440-84/C
; Sequence 84, Application US/10959440
; Publication No. US20050208605A1
; GENERAL INFORMATION:
; APPLICANT: Stanton, Lawrence W.
; APPLICANT: White, R. Tyler
; TITLE OF INVENTION: SECRETED FACTORS
; FILE REFERENCE: SCIOS.017A
; CURRENT APPLICATION NUMBER: US/10/959,440
; CURRENT FILING DATE: 2004-10-05
; PRIOR APPLICATION NUMBER: US/09/809,545
; PRIOR FILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 84
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligos corresponding to polylinker sequence.
US-10-959-440-84

```

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;

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RESULT 670
US-11-024-428-7/c
; Sequence 7, Application US/11024428
; Publication No. US20050106676A1
; GENERAL INFORMATION:
; APPLICANT: NAGAI, HIROSHI
; APPLICANT: KURODA, KYOKO
; APPLICANT: NAKAJIMA, TERUMI
; TITLE OF INVENTION: NOVEL PROTEINS HAVING HEMOLYTIC ACTIVITY AND GENES
; TITLE OF INVENTION: ENCODING THE PROTEIN
; FILE REFERENCE: 037181.50611US
; CURRENT APPLICATION NUMBER: US/11/024,428
; CURRENT FILING DATE: 2004-12-30
; PRIOR APPLICATION NUMBER: US/09/979,275
; PRIOR FILING DATE: 2003-05-27
; PRIOR APPLICATION NUMBER: PCT/JP01/02209
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: JP 2000-78967
; PRIOR FILING DATE: 2000-03-21
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides
US-11-024-428-7

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
18 AAAAAAAAAAAAAAAAAA 1

Db

RESULT 671
US-11-041-103-69.
; Sequence 69, Application US/11041103
; Publication No. US20050287548A1
; GENERAL INFORMATION:
; APPLICANT: Georgia Tech Research Corporation
; APPLICANT: Bao, Gang
; APPLICANT: Nitin, Nitin
; TITLE OF INVENTION: Activatable Probes and Methods For In Vivo Gene Detection
; FILE REFERENCE: 820701-1195
; CURRENT APPLICATION NUMBER: US/11/041,103
; CURRENT FILING DATE: 2005-01-21
; PRIOR APPLICATION NUMBER: 10/179,730
; PRIOR FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 60/300,672
; PRIOR FILING DATE: 2001-06-25
; PRIOR APPLICATION NUMBER: 60/303,258
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 60/538,381
; PRIOR FILING DATE: 2004-01-21
; PRIOR APPLICATION NUMBER: 60/538,382
; PRIOR FILING DATE: 2004-01-21
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 69
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Control
US-11-041-103-69

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
18 AAAAAAAAAAAAAAAAAA 1

Db

RESULT 672
US-11-127-922-26/c
; Sequence 26, Application US/11237922
; Publication No. US20060068436A1
; GENERAL INFORMATION:
; APPLICANT: RASHTCHIAN, AYOUB
; APPLICANT: SCHUSTER, DAVID M.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
; FILE REFERENCE: 38266-0011
; CURRENT APPLICATION NUMBER: US/11/237,922
; CURRENT FILING DATE: 2005-09-29
; PRIOR APPLICATION NUMBER: US/10/653,416
; PRIOR FILING DATE: 2003-09-03
; PRIOR APPLICATION NUMBER: 60/407,248
; PRIOR FILING DATE: 2002-09-03
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin Ver. 3.2
; SEQ ID NO 26
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides according
; OTHER INFORMATION: to the specification as filed
US-11-237-922-26

Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
18 AAAAAAAAAAAAAAAAAA 1

Db

RESULT 673
US-11-237-922-26/c
; Sequence 26, Application US/11237922
; Publication No. US20060068436A1
; GENERAL INFORMATION:
; APPLICANT: RASHTCHIAN, AYOUB
; APPLICANT: SCHUSTER, DAVID M.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR CDNA SYNTHESIS
; FILE REFERENCE: 38266-0011
; CURRENT APPLICATION NUMBER: US/11/237,922
; CURRENT FILING DATE: 2005-09-29
; PRIOR APPLICATION NUMBER: US/10/653,416
; PRIOR FILING DATE: 2003-09-03
; PRIOR APPLICATION NUMBER: 60/407,248
; PRIOR FILING DATE: 2002-09-03
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: Patentin Ver. 3.2
; SEQ ID NO 26
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
; FEATURE:
; OTHER INFORMATION: this sequence may encompass 12-18 nucleotides according
; OTHER INFORMATION: to the specification as filed
US-11-237-922-26
```


Query Match 0.7%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 674

US-09-917-138-2
; Sequence 2, Application US/09917138
; Patent No. US20020031776A1
; GENERAL INFORMATION:
; APPLICANT: STEIFFEL, Jerome
; TITLE OF INVENTION: ENZYMIC LABELLING AND DETECTION OF DNA
; TITLE OF INVENTION: HYBRIDIZATION PROBES
; FILE REFERENCE: 24730-2207B
; CURRENT APPLICATION NUMBER: US/09/917,138
; CURRENT FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: 09/580,358
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 60/136,545
; PRIOR FILING DATE: 1999-05-28
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: Combined DNA/RNA
US-09-917-138-2

Query Match 0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 675

US-09-996-292A-54/c
; Sequence 54, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanthottathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: N= phenoxazine
US-09-996-292A-54/c

US-09-996-292A-54

Query Match 0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 676

US-09-996-292A-55/c
; Sequence 55, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanthottathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 55
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: N= G-clamp modification
US-09-996-292A-55

Query Match 0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 677

US-10-013-295-54/c
; Sequence 54, Application US/10013295
; Publication No. US20030175906A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS4948
; CURRENT APPLICATION NUMBER: US/10/013,295
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/302,682
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 54
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030175906A1el Sequence
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: N= phenoxazine
US-10-013-295-54

Query Match 0.7%; Score 18; DB 1; Length 19;

Db 2 AAAAAAAAAAAAAAAAAAAAAA.19

RESULT 682

```
US-10-205-309-650/c
; Sequence 650, Application US/10205309
; Publication No. US20030190635A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Alzheimer's Disease Using
; TITLE OF INVENTION: Interfering RNA
; FILE REFERENCE: 900/033
; CURRENT APPLICATION NUMBER: US/10/205,309
; CURRENT FILING DATE: 2002-10-25
; NUMBER OF SEQ ID NOS: 674
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 650
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-205-309-650

Query Match      0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 683
US-10-913-246-22
; Sequence 22, Application US/10913246
; Publication No. US20050003441A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 492692000500
; CURRENT APPLICATION NUMBER: US/10/913,246
; CURRENT FILING DATE: 2004-08-05
; PRIOR APPLICATION NUMBER: US/10/100,321
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-913-246-22

Query Match      0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 2 AAAAAAAAAAAAAAAAAA 19

RESULT 684
US-10-934-890-22
; Sequence 22, Application US/10934890
; Publication No. US20050014192A1
; GENERAL INFORMATION:
; APPLICANT: Kurn, Nurith
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: AMPLIFICATION OF RNA SEQUENCES
; FILE REFERENCE: 492692000500
; CURRENT APPLICATION NUMBER: US/10/934,890
; CURRENT FILING DATE: 2004-09-03
; PRIOR APPLICATION NUMBER: US/10/100,321
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/274,550
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: n = A,T,C or G
US-10-934-890-22

Query Match      0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
Db 2 AAAAAAAAAAAAAAAAAA 19

RESULT 685
US-10-934-944-363/c
; Sequence 363, Application US/10934944
; Publication No. US20060037096A1
; GENERAL INFORMATION:
; APPLICANT: Xu, Dongmei
; TITLE OF INVENTION: Cloning of Cytochrome P450 Genes From Nicotiana
; FILE REFERENCE: 07678/141008
; CURRENT APPLICATION NUMBER: US/10/934,944
; CURRENT FILING DATE: 2004-09-03
; PRIOR APPLICATION NUMBER: 10/686,947
; PRIOR FILING DATE: 2003-10-16
; PRIOR APPLICATION NUMBER: 60/503,989
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: 60/485,368
; PRIOR FILING DATE: 2003-07-08
; PRIOR APPLICATION NUMBER: 10/387,346
; PRIOR FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: 10/340,861
; PRIOR FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: 10/293,252
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: 60/418,933
; PRIOR FILING DATE: 2002-10-16
; PRIOR APPLICATION NUMBER: 60/363,684
; PRIOR FILING DATE: 2002-03-12
; PRIOR APPLICATION NUMBER: 60/347,444
; PRIOR FILING DATE: 2002-01-11
; PRIOR APPLICATION NUMBER: 60/337,684
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 387
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 363
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Nicotiana tabacum
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n = a, t, c, or g
```

US-10-934-944-363

```
Query Match          0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
p'b 18 AAAAAAAAAAAAAAAAAA 1

RESULT 686

```

US-10-950-095-74/c
; Sequence 74, Application US/10950095
; Publication No. US20050223434A1
; GENERAL INFORMATION:
; APPLICANT: ALEXANDROV, Nikolai, et. al.
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL FOR
; TITLE OF INVENTION: MODIFYING PLANT CHARACTERISTICS
; FILE REFERENCE: 2750-1578PUS2
; CURRENT APPLICATION NUMBER: US/10/950,095
; CURRENT FILING DATE: 2004-03-23
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 74
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligo dtv primer
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, or g
US-10-950-095-74

```

| | | | | |
|-----------------------|---------|--------------------|-------|------------|
| Query Match | 0.7%; | Score 18; | DB 1; | Length 19; |
| Best Local Similarity | 100.0%; | pred. No. 6.2e+02; | | |
| Matches | 0. | Mismatches | 0. | Indels |
| Conservative | 0. | Conservative | 0. | Gaps |

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
 |||||
 Db 18 AAAAAAAAAAAAAAAAAA 1

RESULT 687

```

RESUL1 88V
US-10-950-321-2/c
; Sequence 2, Application US/10950321
; Publication No. US2005023422A1
; GENERAL INFORMATION:
; APPLICANT: COOK, Zhong et al.
; TITLE OF INVENTION: PROMOTER, PROMOTER CONTROL ELEMENTS, AND COMBINATIONS, AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 2750-1577PUS2
; CURRENT APPLICATION NUMBER: US/10/950,321
; CURRENT FILING DATE: 2004-09-23
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligo dTV primer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, or g
; US-10-950-321-2

```

```
Query Match      0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 18: Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
p'b 18 AAAAAAAAAAAAAAAAAA 1

RESULT 688

```

US-10-957-569-2/c
; Sequence 2, Application US/10957569
; Publication No. US20050246785A1
;
; GENERAL INFORMATION:
; APPLICANT: COOK, Zhihong et al.
; TITLE OF INVENTION: PROMOTER, PROMOTER CONTROL ELEMENTS, AND COMBINATIONS, AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 2750-1577PUS3
; CURRENT APPLICATION NUMBER: US/10/957,569
; CURRENT FILING DATE: 2004-09-30
; PRIOR APPLICATION NUMBER: US 10/950,321
; PRIOR FILING DATE: 2004-09-23
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: Patent version 3.3
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: Synthetic oligo dTV primer
;
; OTHER INFORMATION: Synthetic oligo dTV primer
;
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, or g
US-10-957-569-2

```

Query Match 0.7%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2726
pb 18 AAAAAAAAAAAAAAAAAA 1

RESULT.T 689

```

US-10-981-334-68/c
; Sequence 68, Application US/10981334
; Publication No. US2006000816A1
; GENERAL INFORMATION:
; APPLICANT: LU, Yu-Ping et al.
; TITLE OF INVENTION: PROMOTER, PROMOTER CONTROL ELEMENTS, AND COMBINATIONS, AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 2750-1581PUS2
; CURRENT APPLICATION NUMBER: US/10/981,334
; CURRENT FILING DATE: 2004-11-04
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 68
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligo dTV primer
; FEATURE:
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (19)..(19)
; OTHER INFORMATION: n is a, c, or g
US-10-981-334-68

```

| | | | | |
|-------------------------|---------|-------------------|-----------|------------|
| Query Match | 0.7%; | Score 18; | DB 1; | Length 19; |
| Best Local Similarity | 100.0%; | Pred.No. 6.2e+02; | | |
| Best Overall Similarity | 100.0%; | Mismatches 0; | Indels 0; | Gaps 0; |
| Conservative | 0. | Mismatches 0; | Indels 0; | Gaps 0; |

Qy 2709 AAAAAAAAAAAAAAAAAA 2726

Db 18 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 690

US-11-010-239-133/c

; Sequence 133, Application US/11010239

; Publication No. US20060015970A1

; GENERAL INFORMATION:

; APPLICANT: Roger PENNELL

; APPLICANT: Jack OKAMURO

; APPLICANT: Richard SCHNEEBERGER

; APPLICANT: Yiwen FANG

; APPLICANT: Shing KWOK

; APPLICANT: Diane JOFUKU

; APPLICANT: Edward A. KIEGLE

; APPLICANT: Jonathan DONSON

; APPLICANT: Nestor APUYA

; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES AND POLYPEPTIDES ENCODED THEREBY USEFUL FOR

; FILE REFERENCE: 2750-1585PUS2

; CURRENT APPLICATION NUMBER: US/11/010,239

; CURRENT FILING DATE: 2004-12-09

; PRIOR APPLICATION NUMBER: US 60/529,352

; PRIOR FILING DATE: 2003-12-12

; NUMBER OF SEQ ID NOS: 133

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 133

; LENGTH: 19

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: oligo dTV primer

; NAME/KEY: misc feature

; LOCATION: (19)..(19)

; OTHER INFORMATION: n is a, c, or g

US-11-010-239-133

Query Match 0.7%; Score 18; DB 1; Length 19;

Best Local Similarity 100.0%; Pred. No. 6.2e+02;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAAAAA 2726

Db 18 AAAAAAAAAAAAAAAAAAAAA 1

RESULT 691

US-11-116-881A-2260/c

; Sequence 2260, Application US/11116881A

; Publication No. US20060041949A1

; GENERAL INFORMATION:

; APPLICANT: Xu, Dongmei

; APPLICANT: Nielsen, Mark T.

; TITLE OF INVENTION: Nicotiana Nucleic Acid Molecules and Uses Thereof

; FILE REFERENCE: 07678/141014

; CURRENT APPLICATION NUMBER: US/11/116.881A

; CURRENT FILING DATE: 2005-04-27

; PRIOR APPLICATION NUMBER: 60/665,451

; PRIOR FILING DATE: 2005-03-24

; PRIOR APPLICATION NUMBER: 60/665,097

; PRIOR FILING DATE: 2005-03-24

; PRIOR APPLICATION NUMBER: 60/646,764

; PRIOR FILING DATE: 2005-01-25

; PRIOR APPLICATION NUMBER: 60/607,357

; PRIOR FILING DATE: 2004-09-03

; PRIOR APPLICATION NUMBER: 60/566,235

; PRIOR FILING DATE: 2004-04-29

; PRIOR APPLICATION NUMBER: 10/934,944

; PRIOR FILING DATE: 2004-09-03

; PRIOR APPLICATION NUMBER: 10/943,507

; PRIOR FILING DATE: 2004-09-17

; PRIOR APPLICATION NUMBER: 60/503,989

; APPLICANT: Kuimelis, Robert G

; APPLICANT: Lipovsek, Dasa

; APPLICANT: Wagner, Richard W

; APPLICANT: Kuimelis, Robert G

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; APPLICANT: Kuimelis, Robert G

```
; TITLE OF INVENTION: PROTEIN SCAFFOLDS FOR ANTIBODY MIMICS
; FILE REFERENCE: 50036/021004
; CURRENT FILING DATE: 2003-12-03
; PRIOR APPLICATION NUMBER: US/10/728,078
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: US 60/111,737
; PRIOR FILING DATE: 1998-12-10
; PRIOR APPLICATION NUMBER: US 09/456,693
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: US 09/515,260
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 202
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Puromycin linker oligonucleotide
US-10-728-078-14

Query Match          0.7%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6e+02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 1 AAAAAAAAAAAAAAAAAA 18

RESULT 694
US-10-735-592-13/c
; Sequence 13, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Jderyg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-13

Query Match          0.7%; Score 18; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.8e+02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2726
Db 21 AAAAAAAAAAAAAAAAAA 4

RESULT 695
US-10-770-726-9191
; Sequence 9191, Application US/10770726
; Publication No. US20050266409A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9194
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-9194

Query Match          0.7%; Score 18; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.8e+02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;
```

```
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9191
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-9191

Query Match          0.7%; Score 18; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.8e+02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

Qy 694 TGAAGAGCAGAGGAAGA 711
Db 4 TGAAGAGCAGAGGAAGA 21

RESULT 696
US-10-770-726-9192
; Sequence 9192, Application US/10770726
; Publication No. US20050266409A1
; GENERAL INFORMATION:
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; APPLICANT: Wyeth
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9192
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-770-726-9192

Query Match          0.7%; Score 18; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 5.8e+02; Indels 0; Gaps 0;
Matches 17; Conservative 1; Mismatches 0;

Qy 694 TGAAGAGCAGAGGAAGA 711
Db 2 UGAAGAGCAGAGGAAGA 19

RESULT 697
US-10-770-726-9194
; Sequence 9194, Application US/10770726
; Publication No. US20050266409A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9194
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-9194

Query Match          0.7%; Score 18; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.8e+02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;
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QY 695 GAAGAAGCAGAGAGAA 712
Db 1 GAAGAAGCAGAGAGAA 18

RESULT 698

US-10-751-736-42531/c
; Sequence 42531, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 42531
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-42531

Query Match 0.6%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 692 GATGAAGAAGCAGAGAGAA 712
Db 21 GACGAAGAAGCAGAGAGAA 1

RESULT 699

US-10-751-736-45236
; Sequence 45236, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45236
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-45236

Query Match 0.6%; Score 17.8; DB 1; Length 21;
Best Local Similarity 52.4%; Pred. No. 5.9e+02;
Matches 11; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 1111 CCTCTTTAGTGATGCCAATT 1131
Db 1 CCUCUUCAGAGUCCUAUU 21

RESULT 700

US-10-847-918-14541/c
; Sequence 14541, Application US/10847918
; Publication No. US20050119210A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Be, Xiaobing
; APPLICANT: Liu, Wei
; APPLICANT: Slonim, Donna
; APPLICANT: Howes, Steve
; TITLE OF INVENTION: Compositions and Methods for Diagnosing and Treating Cancers
; FILE REFERENCE: 031896-026000 (AM101264)
; CURRENT APPLICATION NUMBER: US/10/847,918
; CURRENT FILING DATE: 2004-05-19
; PRIOR APPLICATION NUMBER: US 60/471,729
; PRIOR FILING DATE: 2003-05-20
; NUMBER OF SEQ ID NOS: 14937
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14541
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-847-918-14541

Query Match 0.6%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 5.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2120 AACCTGGAGCGCTTGGCCTTG 2140
Db 21 AACCTGGCGCTTGTCTTG 1

RESULT 701

US-09-306-333A-9/c
; Sequence 9, Application US/09306333A
; Publication No. US20030152918A1
; GENERAL INFORMATION:
; APPLICANT: Academy of Applied Science
; TITLE OF INVENTION: BRCA1 and hMLH1 Gene Primer Sequences and Method for
; FILE REFERENCE: BRCA1
; CURRENT APPLICATION NUMBER: US/09/306,333A
; CURRENT FILING DATE: 1999-05-06
; PRIOR APPLICATION NUMBER: PCT/IB00/01607
; PRIOR FILING DATE: 2000-11-06
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-306-333A-9

Query Match 0.6%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 6.8e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2703 TGTACTAAAAA 2721
Db 19 TGTATTA 1

RESULT 702

US-09-955-410-4
; Sequence 4, Application US/09955410
; Patent No. US20020146718A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Egil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases
; FILE REFERENCE: ISIS4800

Tue Nov 7 10:41:37 2006

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; CURRENT APPLICATION NUMBER: US/09/955,410
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 09/686,114
; PRIOR FILING DATE: 1996-07-24
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20020146718A1el Sequence
US-09-955-410-4

Query Match          0.6%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
Db 1 AAAAAAAAAAAAAAAAAA 19

RESULT 703
US-10-154-890-4
; Sequence 4, Application US/10154890
; Publication No. US20030180734A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/10/154,890
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030180734A1el Sequence
US-10-154-890-4

Query Match          0.6%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2727
Db 1 AAAAAAAAAAAAAAAAAA 19

RESULT 704
US-10-380-040A-5
; Sequence 5, Application US/10380040A
; Publication No. US20040077043A1
; GENERAL INFORMATION:
; APPLICANT: Kirin Beer Kabushiki Kaisha
; FILE REFERENCE: PH-1297PCT-US
; CURRENT APPLICATION NUMBER: US/10/380,040A
; CURRENT FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: JP 2000-277352
; PRIOR FILING DATE: 2000-09-12
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
```

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; SEQ ID NO 5
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:sense primer
US-10-380-040A-5

Query Match          0.6%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2094 ACCCGGTGCTGCAGCAGCA 2112
Db 1 ACCCGGTGCTGCAGCAGCA 19

RESULT 705
US-10-380-040A-6/c
; Sequence 6, Application US/10380040A
; Publication No. US20040077043A1
; GENERAL INFORMATION:
; APPLICANT: Kirin Beer Kabushiki Kaisha
; TITLE OF INVENTION: A NOVEL DENDRITIC CELL MEMBRANE MOLECULE AND USE THEREOF
; FILE REFERENCE: PH-1297PCT-US
; CURRENT APPLICATION NUMBER: US/10/380,040A
; CURRENT FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: JP 2000-277352
; PRIOR FILING DATE: 2000-09-12
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:antisense primer
US-10-380-040A-6

Query Match          0.6%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2094 ACCCGGTGCTGCAGCAGCA 2112
Db 20 ACCCGGTGCTGCAGCAGCA 2

RESULT 706
US-10-671-395-558/c
; Sequence 558, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 558
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-558

Query Match          0.6%; Score 17.4; DB 1; Length 20;
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```
Best Local Similarity 94.7%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAACAAAAA 2725
Db 19 CCACAAAAA 1

RESULT 707
US-10-728-399-199/c
; Sequence 199, Application US/10728399
; Publication No. US20040132078A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Colca, Jerry
; TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION
; FILE REFERENCE: 01455 1
; CURRENT APPLICATION NUMBER: US/10/728,399
; CURRENT FILING DATE: 2003-12-05
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 199
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human mitONEET antisense
US-10-728-399-199

Query Match 0.6%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2708 TAAAAA 2726
Db 19 TAAAAA 1

RESULT 708
US-10-831-901A-29729/c
; Sequence 29729, Application US/10831901A
; Publication No. US20050100885A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Freier, Susan M.
; APPLICANT: Massire, Christian
; APPLICANT: Hofstadler, Steven A.
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Compositions And Methods For The Treatment Of Severe
; FILE REFERENCE: Acute Respiratory Syndrome (SARS)
; FILE REFERENCE: ISIS0083-100 (BIOL0008US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 60/468,627
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; PRIOR FILING DATE: 2003-06-27
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29729
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LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-29729

Query Match 0.6%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2706 ACTAAAAA 2724
Db 19 ACTAAAAA 1

RESULT 709
US-10-770-726-2582/c
; Sequence 2582, Application US/10770726
; Publication No. US20050266409A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2582
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-2582

Query Match 0.6%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 6.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2423 CTGAAGAGTGGTCTGAAGA 2441
Db 21 CTGAAGAGTGGTCTGAAGA 3

RESULT 710
US-10-770-726-2583/c
; Sequence 2583, Application US/10770726
; Publication No. US20050266409A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2583
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
US-10-770-726-2583

Query Match 0.6%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 6.3e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2423 CTGAAGAGTGGTCTGAAGA 2441
```

Db 19 CTGAGAGTGTCTGAAGA 1

RESULT 711
US-09-438-486-132/c
; Sequence 132, Application US/09438486
; Publication No. US20030009019A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. US20030009019A1el Telomerase
; NUMBER OF SEQUENCES: 223
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/438,486
; FILING DATE: 12-NOV-1999
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002931US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-438-486-132

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 712
US-09-726-096A-5/c
; Sequence 5, Application US/09726096A
; Publication No. US20010016652A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; TITLE OF INVENTION: Compounds Processes And Intermediates For Synthesis Of Mixed Back
; TITLE OF INVENTION: Oligomeric Compounds
; FILE REFERENCE: ISIS4528
; CURRENT APPLICATION NUMBER: US/09/726,096A
; CURRENT FILING DATE: 2000-11-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
; OTHER INFORMATION: internucleoside linkage
US-09-726-096A-5

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 713
US-09-766-253-132/c
; Sequence 132, Application US/09766253
; Publication No. US20020187471A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US20020187471A1el Telomerase
; NUMBER OF SEQUENCES: 171
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/766,253
; FILING DATE: 19-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/846,017
; FILING DATE: 1997-04-25
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.

```
;
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002920US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-09-766-253-132

Query Match      0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
DB 17 AAAAAAAAAAAAAAAAAA 1

RESULT 714
US-09-843-676-132/c
; Sequence 132, Application US/09843676
; Patent No. US20020164786A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US20020164786A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/843,676
; FILING DATE: 26-Apr-2001
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
```

```
;
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-09-843-676-132

Query Match      0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
DB 17 AAAAAAAAAAAAAAAAAA 1

RESULT 715
US-10-053-758-132/c
; Sequence 132, Application US/10053758
; Publication No. US20030032075A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US20030032075A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/053,758
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-053-758-132

Query Match      0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
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Tue Nov 7 10:41:37 2006

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Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
DB 17 AAAAAAAAAAAAAAAAAA 1

RESULT 716
US-10-054-295-132/c
; Sequence 132, Application US/10054295
; Publication No. US20030044953A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US20030044953A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION NUMBER: 08/854,050
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-054-295-132
Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
DB 17 AAAAAAAAAAAAAAAAAA 1

RESULT 717
US-10-054-611-132/c
; Sequence 132, Application US/10054611
; Publication No. US20030059787A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US20030059787A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION NUMBER: 08/854,050
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 132:
US-10-054-611-132
Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
DB 17 AAAAAAAAAAAAAAAAAA 1

RESULT 718
US-10-117-267-5/c
; Sequence 5, Application US/10117267
; Publication No. US20030045698A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maletz, Ph.D., Martin A.
; TITLE OF INVENTION: Compounds, Processes And Intermediates For Synthesis Of Mixed Bac
; TITLE OF INVENTION: Oligomeric Compounds
; FILE REFERENCE: ISIS-5039
; CURRENT APPLICATION NUMBER: US/10/117,267
```

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; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 09/726,096
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 09/250,075
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
; OTHER INFORMATION: internucleoside linkage
US-10-117-267-5

Query Match          0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 719
US-10-156-306-6897/c
; Sequence 6897, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6897
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6897

Query Match          0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2535 GCCTTGTCCTCAGCCA 2551
Db 17 GCCTTGTCCTCAGCCA 1

RESULT 720
US-10-208-357-23
; Sequence 23, Application US/10208357
; Publication No. US20020182687A1
; GENERAL INFORMATION:
; APPLICANT: Kurz, Markus
; APPLICANT: Lohse, Peter
; APPLICANT: Wagner, Richard
; TITLE OF INVENTION: Peptide Acceptor Ligation Methods
; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834

; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: 09/726,096
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 09/250,075
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: 2'-methoxyethoxy (MOE); phosphorothioate
; OTHER INFORMATION: internucleoside linkage
US-10-117-267-5

Query Match          0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 721
US-10-324-409B-16
; Sequence 16, Application US/10324409B
; Publication No. US2004008680A1
; GENERAL INFORMATION:
; APPLICANT: Sampson, et al.
; TITLE OF INVENTION: Method of Producing Nucleic Acid Molecules with Reduced
; TITLE OF INVENTION: Secondary Structure
; FILE REFERENCE: 2003309-0028
; CURRENT APPLICATION NUMBER: US/10/324,409B
; CURRENT FILING DATE: 2002-12-18
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Anneal Primer
US-10-324-409B-16

Query Match          0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 17

RESULT 722
US-10-519-122-81
; Sequence 81, Application US/10519122
; Publication No. US20060058252A1
; GENERAL INFORMATION:
; APPLICANT: Clawson, Gary A.
; APPLICANT: Pan, Wei-Hua
; APPLICANT: Thiboutot, Diane
; APPLICANT: Christensen, Neil
; TITLE OF INVENTION: METHODS AND MATERIALS FOR TREATING HUMAN
; TITLE OF INVENTION: PAPILLOMAVIRUS INFECTIONS
; FILE REFERENCE: 14017-008US1
; CURRENT APPLICATION NUMBER: US/10/519,122
; CURRENT FILING DATE: 2004-12-22
; PRIOR APPLICATION NUMBER: PCT/US03/20340
; PRIOR FILING DATE: 2003-06-26
; PRIOR APPLICATION NUMBER: US 60/449,066
; PRIOR FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US 60/417,997
; PRIOR FILING DATE: 2002-10-14
; PRIOR APPLICATION NUMBER: US 60/391,795
; PRIOR FILING DATE: 2002-06-26
; NUMBER OF SEQ ID NOS: 84
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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 81
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: exemplary sequence (5' end)
US-10-519-122-81

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2725
Db 1 AAAAAAAAAAAAAAAAAA 17

RESULT 723
US-10-735-592-49/c
; Sequence 49, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-49

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 724
US-10-735-592-8/c
; Sequence 8, Application US/10735592
; Publication No. US20040171571A1
; GENERAL INFORMATION:
; APPLICANT: Art, Krieg
; APPLICANT: Joerg, Vollmer
; TITLE OF INVENTION: 5' CPG Nucleic Acids and Methods of Use
; FILE REFERENCE: C1037.70038US01
; CURRENT APPLICATION NUMBER: US/10/735,592
; CURRENT FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-735-592-8

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 725
US-10-951-549-3/c
; Sequence 3, Application US/10951549
; Publication No. US20050202461A1
; GENERAL INFORMATION:
; APPLICANT: Datascope Investment Corp.
; APPLICANT: Getts, Robert C.
; APPLICANT: Kaduehin, James
; APPLICANT: Schwalm, Jaime
; APPLICANT: Howerton, Kevin
; TITLE OF INVENTION: Method for Converting Generic Nucleic Acid Priming Sequences
; FILE REFERENCE: 4081.024.400
; CURRENT APPLICATION NUMBER: US/10/951,549
; CURRENT FILING DATE: 2004-09-27
; PRIOR APPLICATION NUMBER: PCT/US03/09232
; PRIOR FILING DATE: 2003-03-25
; PRIOR APPLICATION NUMBER: US 10/825,776
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 60/261,231
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 10/730,823
; PRIOR FILING DATE: 2003-12-08
; PRIOR APPLICATION NUMBER: PCT/US01/29589
; PRIOR FILING DATE: 2001-09-20
; PRIOR APPLICATION NUMBER: US 60/234,060
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: US 09/908,950
; PRIOR FILING DATE: 2001-07-19
; PRIOR APPLICATION NUMBER: US 60/219,397
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: US 60/187,681
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: US 09/802,162
; PRIOR FILING DATE: 2001-03-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: poly dT primer

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 726
US-11-099-683-43/c
; Sequence 43, Application US/11099683
; Publication No. US20060019916A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur
; APPLICANT: Vollmer, Joerg
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR INDUCING IL-10 RESPONSES
; FILE REFERENCE: C1037.70047US01
; CURRENT APPLICATION NUMBER: US/11/099,683

; CURRENT FILING DATE: 2005-04-04
; PRIOR APPLICATION NUMBER: US 60/558,951
; PRIOR FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 43
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; FEATURE:
; NAME/KEY: misc.feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: where the linkages between bases are phosphorothioate linkages
US-11-099-683-43

Query Match 0.6%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.9e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
|||||
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 727
US-10-669-962-28/c
; Sequence 28, Application US/10669962
; Publication No. US20050081264A1
; GENERAL INFORMATION:
; APPLICANT: Brugliera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 11658
; CURRENT APPLICATION NUMBER: US/10/669,962
; CURRENT FILING DATE: 2003-09-24
; PRIOR APPLICATION NUMBER: US/09/142,108C
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-669-962-28

Query Match 0.6%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.5e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
|||||
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 728
US-10-669-962-29/c
; Sequence 29, Application US/10669962
; Publication No. US20050081264A1
; GENERAL INFORMATION:
; APPLICANT: Brugliera, Filippa
; APPLICANT: Holton, Timothy A.
; APPLICANT: Michael, Michael Z.
; TITLE OF INVENTION: GENETIC SEQUENCES ENCODING FLAVONOID PATHWAY ENZYMES
; TITLE OF INVENTION: AND USES THEREFOR
; FILE REFERENCE: 11658

; CURRENT APPLICATION NUMBER: US/10/669,962
; CURRENT FILING DATE: 2003-09-24
; PRIOR APPLICATION NUMBER: US/09/142,108C
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: PN8386
; PRIOR FILING DATE: 1996-03-01
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-10-669-962-29

Query Match 0.6%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 7.5e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2725
|||||
Db 17 AAAAAAAAAAAAAAAAAA 1

RESULT 729
US-10-275-080A-7/c
; Sequence 7, Application US/10275080A
; Publication No. US20040053214A1
; GENERAL INFORMATION:
; APPLICANT: Schroder, Klaus Hobe
; APPLICANT: Schubler, Andrea
; APPLICANT: Koike, Katsuro
; TITLE OF INVENTION: Method of Diagnosing HBV Infection Stages
; FILE REFERENCE: 012627-033
; CURRENT APPLICATION NUMBER: US/10/275,080A
; CURRENT FILING DATE: 2002-11-01
; PRIOR APPLICATION NUMBER: PCT/EP01/04918
; PRIOR FILING DATE: 2001-05-02
; PRIOR APPLICATION NUMBER: EP 00 109 436.6
; PRIOR FILING DATE: 2000-05-03
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-275-080A-7

Query Match 0.6%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 6.9e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2707 CTAATAAAAAAAAAAAAA 2723
|||||
Db 17 CTAATAAAAAAAAAAAAA 1

RESULT 730
US-10-770-726-8651
; Sequence 8651, Application US/10770726
; Publication No. US20050266409A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Brown, Eugene
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04

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; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 8651
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-8651

Query Match          0.6%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 696 AAGAGCAGCAGGAGAA 712
Db 1 AAGAGCAGCAGGAGAA 17

RESULT 731
US-09-263-959-849
; Sequence 849, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 849:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-849

Query Match          0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 7.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2728
Db 1 AAAAAAAAAAAAAAAAAAAGAA 20

RESULT 732
US-10-467-008-100
; Sequence 100, Application US/10467008
; Publication No. US20040116366A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.

; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT B
; FILE REFERENCE: ISPH-0746
; CURRENT APPLICATION NUMBER: US/10/467,008
; PRIOR FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: PCT/US02/02805
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 09/780,045
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 100
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-467-008-100

Query Match          0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 7.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 405 CCGCGGCGCGCGCGCGCC 424
Db 1 CAGCGGGCAGCGCGCGCC 20

RESULT 733
US-10-671-395-616/c
; Sequence 616, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 616
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-616

Query Match          0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 7.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2705 TACTAAAAAAAAAAAAAAAA 2724
Db 20 TGCCAAAAAAAAAAAAAAAAAAAA 1

RESULT 734
US-10-831-901A-10850/c
; Sequence 10850, Application US/10831901A
; Publication No. US20050100885A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Freier, Susan M.
; APPLICANT: Massire, Christian
; APPLICANT: Hofstadler, Steven A.
```



```
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Compositions And Methods For The Treatment Of Severe
; FILE REFERENCE: ISIS0083-100 (BIOL000808US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 60/468,627
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; PRIOR FILING DATE: 2003-06-27
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10850
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-10850

Query Match          0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 7.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      815 GAAGATGAGTTGACACCTTT 834
Db      20 GAAGATGAGTTTACACCATTT 1

RESULT 735
US-10-831-901A-10851/c
; Sequence 10851, Application US/10831901A
; Publication No. US20050100885A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Freier, Susan M.
; APPLICANT: Massire, Christian
; APPLICANT: Hofstadler, Steven A.
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Compositions And Methods For The Treatment Of Severe
; FILE REFERENCE: ISIS0083-100 (BIOL000808US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 60/468,627
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; PRIOR FILING DATE: 2003-06-27
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10851
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-10852

Query Match          0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 7.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      816 AAGATGAGTTGACACCTTTT 835
Db      20 AAGATGAGTTTACACCATTT 1

RESULT 736
US-10-831-901A-10852/c
; Sequence 10852, Application US/10831901A
; Publication No. US20050100885A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Freier, Susan M.
; APPLICANT: Massire, Christian
; APPLICANT: Hofstadler, Steven A.
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Compositions And Methods For The Treatment Of Severe
; FILE REFERENCE: ISIS0083-100 (BIOL000808US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 60/468,627
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; PRIOR FILING DATE: 2003-06-27
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10852
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-10853

Query Match          0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 7.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      817 AGATGAGTTGACACCTTTTG 836
Db      20 AGATGAGTTTACACCATTTG 1

RESULT 737
US-10-831-901A-10853/c
; Sequence 10853, Application US/10831901A
; Publication No. US20050100885A1
```

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10851
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-10851

Query Match          0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 7.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      816 AAGATGAGTTGACACCTTTT 835
Db      20 AAGATGAGTTTACACCATTT 1

RESULT 736
US-10-831-901A-10852/c
; Sequence 10852, Application US/10831901A
; Publication No. US20050100885A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Freier, Susan M.
; APPLICANT: Massire, Christian
; APPLICANT: Hofstadler, Steven A.
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Compositions And Methods For The Treatment Of Severe
; FILE REFERENCE: ISIS0083-100 (BIOL000808US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 60/468,627
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; PRIOR FILING DATE: 2003-06-27
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10852
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-10852

Query Match          0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 7.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      817 AGATGAGTTGACACCTTTTG 836
Db      20 AGATGAGTTTACACCATTTG 1

RESULT 737
US-10-831-901A-10853/c
; Sequence 10853, Application US/10831901A
; Publication No. US20050100885A1
```

Tue Nov 7 10:41:37 2006

```

; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Freier, Susan M.
; APPLICANT: Massire, Christian A.
; APPLICANT: Hofstadler, Steven A.
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Compositions And Methods For The Treatment Of Severe
; FILE OF INVENTION: Acute Respiratory Syndrome (SARS)
; FILE REFERENCE: ISIS0083-100 (BIOL0008US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 60/468,627
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; PRIOR FILING DATE: 2003-06-27
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10853
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-10853

Query Match 0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 7.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 818 GATGAGTTGACACCTTTTGA 837
Db 20 GATGAGTTTACACCATTTGA 1

RESULT 738
US-10-831-901A-29728/c
; Sequence 29728, Application US/10831901A
; Publication No. US20050100885A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Freier, Susan M.
; APPLICANT: Massire, Christian
; APPLICANT: Hofstadler, Steven A.
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Compositions And Methods For The Treatment Of Severe
; FILE OF INVENTION: Acute Respiratory Syndrome (SARS)
; FILE REFERENCE: ISIS0083-100 (BIOL0008US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-27
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10853
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-10853

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; PRIOR APPLICATION NUMBER: 60/468,627
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; PRIOR FILING DATE: 2003-06-27
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29728
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-29728

Query Match 0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 7.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2708 TAAAAA
Db 20 TGACAAAAA

RESULT 739
US-10-831-901A-3188/C
; Sequence 3188, Application US/10831901A
; Publication No. US20050100885A1
; GENERAL INFORMATION:
; APPLICANT: Crooke, Stanley T.
; APPLICANT: Ecker, David J.
; APPLICANT: Sampath, Rangarajan
; APPLICANT: Freier, Susan M.
; APPLICANT: Massire, Christian
; APPLICANT: Hofstadler, Steven A.
; APPLICANT: Lowery, Kristin Sannes
; APPLICANT: Swayze, Eric
; APPLICANT: Baker, Brenda F.
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: Compositions And Methods For The Treatment Of Severe
; FILE OF INVENTION: Acute Respiratory Syndrome (SARS)
; FILE REFERENCE: ISIS0083-100 (BIOL0008US)
; CURRENT APPLICATION NUMBER: US/10/831,901A
; CURRENT FILING DATE: 2004-04-26
; PRIOR APPLICATION NUMBER: 60/466,426
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: 60/468,562
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/467,770
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: 60/468,627
; PRIOR FILING DATE: 2003-05-06
; PRIOR APPLICATION NUMBER: 60/477,637
; PRIOR FILING DATE: 2003-06-10
; PRIOR APPLICATION NUMBER: 60/483,579
; PRIOR FILING DATE: 2003-06-27
; NUMBER OF SEQ ID NOS: 30063
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3188
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense compound
US-10-831-901A-3188

Query Match 0.6%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 7.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 692 GATGAAGACGACGAGGA 711

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Db      20  GAGGAAGAAGAGGGAAGA 1

RESULT 740
US-10-751-736-34570
; Sequence 34570, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; PRIOR FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 34570
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-34570

Query Match      0.6%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      337  AGAATCCTGGAGCGGAATC 356
        ||||| ||||| ||||| |||||
Db      2  AGAATCCAGGAGCGAGAATC 21

RESULT 741
US-10-751-736-45235
; Sequence 45235, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; PRIOR FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 45235
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-45235

Query Match      0.6%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1110 ACCTCTTAGTGATGTCCAA 1129
        ||||| ||||| ||||| |||||
Db      2  ACCTCTCAGTGATGTCTCA 21

RESULT 742
US-10-773-678-401/c
; Sequence 401, Application US/10773678
; Publication No. US20050074879A1
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Carras, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; FILE REFERENCE: ISPH-0828
; CURRENT APPLICATION NUMBER: US/10/773,678
; CURRENT FILING DATE: 2004-02-06
; PRIOR APPLICATION NUMBER: 10/713,139
; PRIOR FILING DATE: 2003-11-14
; PRIOR APPLICATION NUMBER: 09/758,881
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 402
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 401
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-773-678-401

Query Match      0.6%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2438 AAGAAGCAGGAGCTGCTGGA 2457
        ||||| ||||| ||||| |||||
Db      21  AAGAAGCAGCAGATGCTGGA 2

RESULT 743
US-10-847-918-14539
; Sequence 14539, Application US/10847918
; Publication No. US20050119210A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Be, Xiaobing
; APPLICANT: Liu, Wei
; APPLICANT: Slonim, Donna
; APPLICANT: Howes, Steve
; TITLE OF INVENTION: Compositions and Methods for Diagnosing and Treating Cancers
; FILE REFERENCE: 031896-026000 (AM101264)
; CURRENT APPLICATION NUMBER: US/10/847,918
; CURRENT FILING DATE: 2004-05-19
; PRIOR APPLICATION NUMBER: US 60/471,729
; PRIOR FILING DATE: 2003-05-20
; NUMBER OF SEQ ID NOS: 14937
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14539
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-847-918-14539

Query Match      0.6%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2121 ACCTGGAGGCGCTTGGCCTTG 2140
        ||||| ||||| ||||| |||||
Db      2  ACCTGGTGGCGCTTGTCTCTTG 21

RESULT 744
US-09-994-311-6/c
; Sequence 6, Application US/09994311
; Publication No. US20030082556A1
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
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Tue Nov 7 10:41:37 2006

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; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/994,311
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-6

Query Match          0.6%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2706 ACTAAAAA 2723
Db 18 AAAAAAAAAA 1

RESULT 745
US-09-994-311-7/c
; Sequence 7, Application US/09994311
; Publication No. US20030082556A1
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/994,311
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-7

Query Match          0.6%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2708 TAAAAA 2725
Db 18 TAAAAAAAAA 1

RESULT 746
US-10-333-461-18/c
; Sequence 18, Application US/10333461
; Publication No. US20030165952A1
; GENERAL INFORMATION:
; APPLICANT: Global Genomics AB
; APPLICANT: Linnarsson, Sten
; APPLICANT: Ernfors, Patrik
; APPLICANT: Bauren, Goran
; APPLICANT: LONNERBERG, Peter
; APPLICANT: OLDIN, Mats

; TITLE OF INVENTION: Methods for analysis and identification of transcribed
; TITLE OF INVENTION: genes, and fingerprinting
; FILE REFERENCE: smwfp541752 US/10/333,461
; CURRENT APPLICATION NUMBER: 2003-01-21
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: GB 0018016.6
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: US 60/219,925
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-333-461-18

Query Match          0.6%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2707 CTAAAAA 2724
Db 18 CGAAAAA 1

RESULT 747
US-10-352-253A-18/c
; Sequence 18, Application US/10352253A
; Publication No. US20030175908A1
; GENERAL INFORMATION:
; APPLICANT: Linnarsson, Sten
; APPLICANT: Ernfors, Patrik
; APPLICANT: Bauren, Goran
; APPLICANT: Metsis, Ate
; APPLICANT: Pihlak, Arno
; APPLICANT: Montelius, Andreas
; TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid
; FILE REFERENCE: 620-234
; CURRENT APPLICATION NUMBER: US/10/352,253A
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,215
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-253A-18

Query Match          0.6%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2707 CTAAAAA 2724
Db 18 CGAAAAA 1

RESULT 748
US-10-352-255A-18/c
; Sequence 18, Application US/10352255A
; Publication No. US20030215839A1
; GENERAL INFORMATION:
; APPLICANT: LONNERBERG, Peter
; APPLICANT: OLDIN, Mats

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; APPLICANT: LINNARSSON, Sten
; APPLICANT: ERNFORS, Patrik
; TITLE OF INVENTION: Methods and Means for Identification of Gene Features
; FILE REFERENCE: 620-235
; CURRENT APPLICATION NUMBER: US/10/352,255A
; PRIOR FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,245
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-352-255A-18

Query Match          0.6%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAATAAAAAAAAAAAAAA 2724
    | ||||| ||||| ||||| |||||
Db 18 CGAAAAAAAAAAAAAAAAAA 1

RESULT 749
US-10-872-984-6/c
; Sequence 6, Application US/10872984
; Publication No. US20040265888A1
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/10/872,984
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US/09/994,311
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-872-984-6

Query Match          0.6%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2706 ACTAAAAAAAAAAAAAAAAA 2723
    | ||||| ||||| ||||| |||||
Db 18 ACAAAAAAAAAAAAAAAAAA 1

RESULT 750
US-10-872-984-7/c
; Sequence 7, Application US/10872984
; Publication No. US20040265888A1
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
```

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; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/10/872,984
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US/09/994,311
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-872-984-7

Query Match          0.6%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 8.2e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAA 2725
    | ||||| ||||| ||||| |||||
Db 18 TGAATAAAAAAAAAAAAAA 1

RESULT 751
US-10-871-222-404
; Sequence 404, Application US/10871222
; Publication No. US20050119212A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Haeblerli, Peter
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Mediated Inhibition Fatty Acid Synthase (FAS) and Fatty Acid
; TITLE OF INVENTION: Synthase Ligand (FASL) Gene Expression Using Short Interfering
; TITLE OF INVENTION: Nucleic Acid (SINA)
; FILE REFERENCE: 400/164 (MEHB04-487)
; CURRENT APPLICATION NUMBER: US/10/871,222
; CURRENT FILING DATE: 2004-06-18
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US10/826966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US10/757803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US10/720448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US10/693059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US10/444853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US60/358580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US60/363124
; PRIOR FILING DATE: 2002-03-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 706
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 404
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-871-222-404
```

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;
; TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/200 (MBHB04-586)
; CURRENT APPLICATION NUMBER: US/10/898,311
; CURRENT FILING DATE: 2004-07-23
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/780,447
; PRIOR FILING DATE: 2004-02-13
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 60/362,016
; PRIOR FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: US 60/292,217
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/306,883
; PRIOR FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/311,865
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: US 10/727,780
; PRIOR FILING DATE: 2003-12-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 638
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 195
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-898-311-195

Query Match      0.6%; Score 16.4; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2705 TACTAAAAA 2722
Db 2 UACAAAAA 19

RESULT 752
US-10-871-222-508/c
; Sequence 508, Application US/10871222
; Publication No. US20050119212A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: RNA Mediated Inhibition Fatty Acid Synthase (FAS) and Fatty Acids
; TITLE OF INVENTION: Synthase Ligand (FASL) Gene Expression Using Short Interfering
; FILE REFERENCE: 400/164 (MBHB04-487)
; CURRENT APPLICATION NUMBER: US/10/871,222
; CURRENT FILING DATE: 2004-06-18
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US10/826966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US10/757803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US10/720448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US10/693059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US10/444853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US60/358580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US60/363124
; PRIOR FILING DATE: 2002-03-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 706
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 508
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-871-222-508

Query Match      0.6%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2705 TACTAAAAA 2722
Db 18 TACAAAAA 1

RESULT 753
US-10-898-311-195
; Sequence 195, Application US/10898311
; Publication No. US20050277608A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Guerdiolini, Roberto
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Vitamin D Receptor Gene
```

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;
; TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/200 (MBHB04-586)
; CURRENT APPLICATION NUMBER: US/10/898,311
; CURRENT FILING DATE: 2004-07-23
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/780,447
; PRIOR FILING DATE: 2004-02-13
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 60/362,016
; PRIOR FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: US 60/292,217
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/306,883
; PRIOR FILING DATE: 2001-07-20
; PRIOR APPLICATION NUMBER: US 60/311,865
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: US 10/727,780
; PRIOR FILING DATE: 2003-12-03
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 638
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 195
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-898-311-195

Query Match      0.6%; Score 16.4; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7.9e+02;
Matches 16; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2705 TACTAAAAA 2722
Db 2 UACAAAAA 19

RESULT 754
US-10-898-311-451/c
; Sequence 451, Application US/10898311
; Publication No. US20050277608A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Guerdiolini, Roberto
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Vitamin D Receptor Gene
; TITLE OF INVENTION: Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/200 (MBHB04-586)
; CURRENT APPLICATION NUMBER: US/10/898,311
; CURRENT FILING DATE: 2004-07-23
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/780,447
; PRIOR FILING DATE: 2004-02-13
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 60/362,016
; PRIOR FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: US 60/292,217
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/306,883
; PRIOR FILING DATE: 2001-07-20
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Tue Nov 7 10:41:37 2006

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;
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 906
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 395
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-11-140-328-395

Query Match 0.6%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2706 ACTAAAAA 2723
Db 2 ACCAAAAA 19

RESULT 760
US-11-140-328-574/c
; Sequence 574, Application US/11140328
; Publication No. US20060019917A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Guerziolini, Roberto
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Stromal Cell-Derived
; TITLE OF INVENTION: Factor-1 (SDF-1) Gene Expression Using Short Interfering Nucleic
; TITLE OF INVENTION: Acid (sina)
; FILE REFERENCE: 400/269 (MBHB 05-455)
; CURRENT APPLICATION NUMBER: US/11/140,328
; CURRENT FILING DATE: 2005-05-27
; PRIOR APPLICATION NUMBER: US 11/098,303
; PRIOR FILING DATE: 2005-04-04
; PRIOR APPLICATION NUMBER: US 10/923,536
; PRIOR FILING DATE: 2004-08-20
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 906
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 574

;
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 906
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 469
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Target Sequence/sina sense region
; US-11-014-373-469

Query Match 0.6%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2707 CTA 2724
Db 18 CTC 1

RESULT 759
US-11-140-328-395
; Sequence 395, Application US/11140328
; Publication No. US20060019917A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Guerziolini, Roberto
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Stromal Cell-Derived
; TITLE OF INVENTION: Factor-1 (SDF-1) Gene Expression Using Short Interfering Nucleic
; TITLE OF INVENTION: Acid (sina)
; FILE REFERENCE: 400/269 (MBHB 05-455)
; CURRENT APPLICATION NUMBER: US/11/140,328
; CURRENT FILING DATE: 2005-05-27
; PRIOR APPLICATION NUMBER: US 11/098,303
; PRIOR FILING DATE: 2005-04-04
; PRIOR APPLICATION NUMBER: US 10/923,536
; PRIOR FILING DATE: 2004-08-20
; PRIOR APPLICATION NUMBER: PCT/US04/16390
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; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-140-328-574

Query Match          0.6%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 7.9e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2706 ACTAAAAAATAAAAAA 2723
Db 18 ACCAAAAAATAAAAAA 1

RESULT 761
US-10-005-715-19
; Sequence 19, Application US/10005715
; Publication No. US20030023058A1
; GENERAL INFORMATION:
; APPLICANT: University of No. US20030023058A1th Carolina at Chapel Hill
; APPLICANT: Weston, Brent W.
; APPLICANT: Hiller, Kara M.
; TITLE OF INVENTION: ANTISENSE HUMAN FUCOSYLTRANSFERASE SEQUENCES AND METHODS OF USE
; FILE REFERENCE: 5470-259CT
; CURRENT APPLICATION NUMBER: US/10/005,715
; CURRENT FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: US 60/131,068
; PRIOR FILING DATE: 1999-04-26
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-005-715-19

Query Match          0.6%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 7.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2565 TCTCTGAGCTAGGAAGA 2582
Db 3 TCTCTGAGCTAGGAAGA 20

RESULT 762
US-10-728-399-273/c
; Sequence 273, Application US/10728399
; Publication No. US20040132078A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Colca, Jerry
; TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION
; FILE REFERENCE: 01455.1
; CURRENT APPLICATION NUMBER: US/10/728,399
; CURRENT FILING DATE: 2003-12-05
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 273
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human mitoneet antisense
US-10-728-399-273

Query Match          0.6%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 7.6e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy 2708 TAAAAAATAAAAAA 2725
Db 18 TAAAAAATAAAAAA 1

RESULT 763
US/10/763
; Sequence 111, Application US/10763039A
; Publication No. US20050239082A1
; GENERAL INFORMATION:
; APPLICANT: Jarrell, Kevin A.
; APPLICANT: Vishwanath, Prashanth
; APPLICANT: Smith, Temple
; APPLICANT: Short, Glenn F.
; TITLE OF INVENTION: Alien Sequences
; FILE REFERENCE: 2003320-0036
; CURRENT APPLICATION NUMBER: US/10/763,039A
; CURRENT FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 166
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 111
; LENGTH: 70
; TYPE: DNA
; ORGANISM: Oligonucleotides identified according to the present invention as alien t
US/10/763,039A-111

Query Match          0.6%; Score 16.4; DB 1; Length 70;
Best Local Similarity 53.0%; Pred. No. 2.8e+02;
Matches 35; Conservative 0; Mismatches 31; Indels 0; Gaps 0;

Qy 442 CTGAGATGAGGAGTACTGGATGGCCCCCGCATTTACATGCAGTCCGACTGCGG 501
Db 2 CCGAGCTTGGCTAGTAGCATTTATGACCGCTATGTCAATTGACGCCCTCGCACTGGG 61

Qy 502 AGCTTT 507
Db 62 CACTTT 67

RESULT 764
US-09-981-397A-1/c
; Sequence 1, Application US/09981397A
; Publication No. US20030082519A1
; GENERAL INFORMATION:
; APPLICANT: Axxima Pharmaceuticals AG
; APPLICANT: Schubart, Daniel
; APPLICANT: Habenberger, Peter
; APPLICANT: Stein-Gerlach, Matthias
; APPLICANT: Bevec, Dorian
; TITLE OF INVENTION: Cellular Kinases Involved in Cytomegalovirus Infection and their
; FILE REFERENCE: AXM-004.1 US
; CURRENT APPLICATION NUMBER: US/09/981,397A
; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: 60/240,750
; PRIOR FILING DATE: 2000-10-16
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic polyT primer
; NAME/KEY: misc_feature
; LOCATION: (18)..(18)
; OTHER INFORMATION: n = a,c,g or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (17)..(17)
; OTHER INFORMATION: v = a,g or c
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pubmain.res

Tue Nov 7 10:41:37 2006

US-09-981-397A-1

Query Match 0.6%; Score 16.2; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 8.5e+02;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAAAAAA 2724
Db 17 BAAAAAAAAAAAAAAAAA 1

RESULT 765

US-10-103-614A-4
; Sequence 4, Application US/10103614A
; Publication No. US20030059796A1
; GENERAL INFORMATION:
; APPLICANT: SALMAN AL-MAHMOOD
; TITLE OF INVENTION: METHOD FOR IDENTIFYING NOVEL GENES INVOLVED IN THE
; TITLE OF INVENTION: REGULATION OF ANGIOGENESIS, STUDY OF SAID GENES AND USE
; TITLE OF INVENTION: THEREOF FOR THERAPEUTIC PURPOSES
; FILE REFERENCE: 1071-02
; CURRENT APPLICATION NUMBER: US/10/103,614A
; CURRENT FILING DATE: 2002-08-22
; PRIOR APPLICATION NUMBER: PCT/FR00/02607
; PRIOR FILING DATE: 2000-09-20
; PRIOR APPLICATION NUMBER: FR 99/11790
; PRIOR FILING DATE: 1999-09-21
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; NAME/KEY: modified_base
; LOCATION: (1)
; OTHER INFORMATION: a, t, c or g
; NAME/KEY: modified_base
; LOCATION: (19)
; OTHER INFORMATION: a, t, c or g
US-10-103-614A-4

Query Match 0.6%; Score 16.2; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 8.1e+02;
Matches 16; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2725
Db 2 VAAAAAAAAAAAAAAAAA 18

RESULT 766

US-09-152-059-70/C
; Sequence 70, Application US/09152059
; Patent No. US20020068708A1
; GENERAL INFORMATION:
; APPLICANT: WENDEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165 (71994)
; CURRENT APPLICATION NUMBER: US/09/152,059
; CURRENT FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 70
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-152-059-70

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAAAAAA 1

RESULT 767

US-09-438-486-131
; Sequence 131, Application US/09438486
; Publication No. US20030009019A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Hartley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: No. US20030009019A1el Telomerase
; NUMBER OF SEQUENCES: 223
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/438,486
; FILING DATE: 12-NOV-1999
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429

REFERENCE/DOCKET NUMBER: 015389-002931US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-438-486-131

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAA 2724
| | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAA 16

RESULT 768

US-09-739-928-2/c

Sequence 2, Application US/09739928

Patent No. US20020052482A1

GENERAL INFORMATION:

APPLICANT: Rutyavin, Igor V.

Lukhtanov, Eugeny A.

Gamper, Howard B.

Meyer Jr., Rich B.

TITLE OF INVENTION: Covalently Linked Oligonucleotide Minor

Groove Binder Conjugates

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/739,928

FILING DATE: 11-May-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/415,370

FILING DATE: 03-APR-1995

APPLICATION NUMBER: US 09/141,764

FILING DATE: 27-AUG-1998

APPLICATION NUMBER: US 09/507,345

FILING DATE: 18-FEB-2000

ATTORNEY/AGENT INFORMATION:

NAME: Kezer, William B.

REGISTRATION NUMBER: 37,369

REFERENCE/DOCKET NUMBER: 17682A-003510US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-09-739-928-2

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAA 2724
| | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAA 16

RESULT 769

US-09-766-253-131

Sequence 131, Application US/09766253

Publication No. US20020187471A1

GENERAL INFORMATION:

APPLICANT: Cech, Thomas R.

Lingner, Joachim

Nakamura, Toru

Chapman, Karen B.

Morin, Gregg B.

Harley, Calvin

Andrews, William H.

TITLE OF INVENTION: No. US20020187471A1el Telomerase

NUMBER OF SEQUENCES: 171

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, 8th Floor

CITY: San Francisco

STATE: California

COUNTRY: United States of America

ZIP: 94111

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/766,253

FILING DATE: 19-Jan-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/846,017

FILING DATE: 1997-04-25

APPLICATION NUMBER: US 08/724,643

FILING DATE: 01-OCT-1996

ATTORNEY/AGENT INFORMATION:

NAME: Apple, Randolph T.

REGISTRATION NUMBER: 36,429

REFERENCE/DOCKET NUMBER: 015389-002920US

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300

INFORMATION FOR SEQ ID NO: 131:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 131:

US-09-766-253-131

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAA 2724
| | | | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAAA 16

RESULT 770

US-09-805-296D-9/c

Sequence 9, Application US/09805296D

Patent No. US20020155989A1

GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Chakmakheau, Oksana
; APPLICANT: Buryakova, Alla
; APPLICANT: Choob, Mikhail
; APPLICANT: Hondorp, Kyle
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE
; CURRENT APPLICATION NUMBER: US/09/805,296D
; CURRENT FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/250,334
; PRIOR FILING DATE: 2000-11-30
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc.feature
; OTHER INFORMATION: Synthetic Construct
US-09-805-296D-9

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
|||||
Db 16 AAAAAAAAAAAAAAAAAA 1

RESULT 771

US-09-843-676-131
; Sequence 131, Application US/09843676
; Patent No. US20020164786A1
GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US20020164786A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/843,676
; FILING DATE: 26-Apr-2001
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/846,017

FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-0029300S
TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-09-843-676-131

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
|||||
Db 1 AAAAAAAAAAAAAAAAAA 16

RESULT 772

US-09-895-585-9/c
; Sequence 9, Application US/09895585
; Publication No. US20020081725A1
GENERAL INFORMATION:
; APPLICANT: Tsang, Wen-Ghih
; APPLICANT: Zheng, Tianli
; APPLICANT: Huang, Chang Jiang
; APPLICANT: AmCytex, Inc.
; TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,
; FILE OF INVENTION: Intermediate Stage of Development
; FILE REFERENCE: 021164-000100US
; CURRENT APPLICATION NUMBER: US/09/895,585
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: US 60/215,634
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 60/246,306
; PRIOR FILING DATE: 2000-11-06
; PRIOR APPLICATION NUMBER: US 60/291,787
; PRIOR FILING DATE: 2001-05-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligo-(dT)-16
US-09-895-585-9

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
|||||
Db 16 AAAAAAAAAAAAAAAAAA 1

RESULT 773

US-10-008-029-70/c
; Sequence 70, Application US/10008029
; Publication No. US20030134808A1

```
; GENERAL INFORMATION:
; APPLICANT: WENGEL, JESPER
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/10/008,029
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/088,309
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: 60/094,355
; PRIOR FILING DATE: 1998-07-28
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 70
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-10-008-029-70

Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAAA 1

RESULT 774
US-10-053-758-131
; Sequence 131, Application US/10053758
; Publication No. US20030032075A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: NO. US20030032075A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/053,758
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
```

```
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-10-053-758-131

Query Match          0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAAA 2724
Db 1 AAAAAAAAAAAAAAA 16

RESULT 775
US-10-054-295-131
; Sequence 131, Application US/10054295
; Publication No. US20030044953A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: NO. US20030044953A1el Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/054,295
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/854,050
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
```

;; APPLICATION NUMBER: US 08/724,643
;; FILING DATE: 01-OCT-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Apple, Randolph T.
;; REGISTRATION NUMBER: 36,429
;; REFERENCE/DOCKET NUMBER: 015389-002930US
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (415) 576-0200
;; TELEFAX: (415) 576-0300
;; INFORMATION FOR SEQ ID NO: 131:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 16 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-10-054-295-131

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
Db 1 AAAAAAAAAAAAAA 16

RESULT 776
US-10-054-611-131
; Sequence 131, Application US/10054611
; Publication No. US20030059787A1
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin
; Andrews, William H.
; TITLE OF INVENTION: No. US20030059787A1 Telomerase
; NUMBER OF SEQUENCES: 225
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/054,611
; FILING DATE: 18-Jan-2002
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/854,050
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002930US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300

;; INFORMATION FOR SEQ ID NO: 131:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 16 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; SEQUENCE DESCRIPTION: SEQ ID NO: 131:
US-10-054-611-131

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
Db 1 AAAAAAAAAAAAAA 16

RESULT 777
US-10-072-975-9/c
; Sequence 9, Application US/10072975
; Publication No. US20030059789A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Chakhmakcheu, Oksana
; APPLICANT: Buryakova, Alla
; APPLICANT: Choob, Mikhail
; APPLICANT: Hondorp, Kyle
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE
; FILE REFERENCE: AM102.F.1.1.US
; CURRENT APPLICATION NUMBER: US/10/072,975
; CURRENT FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; PRIOR APPLICATION NUMBER: US 60/250,334
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 09/805,296
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: PCT/US01/0811
; PRIOR FILING DATE: 2001-03-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc.feature
; OTHER INFORMATION: Synthetic Construct
US-10-072-975-9

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
Db 1 AAAAAAAAAAAAAA 16

RESULT 778
US-10-121-641D-1
; Sequence 1, Application US/10121641D
; Publication No. US20050175993A1
; GENERAL INFORMATION:
; APPLICANT: LARGE SCALE BIOLOGY CORPORATION
; APPLICANT: WEI, CHIA-LIN
; TITLE OF INVENTION: METHOD FOR MAKING FULL-LENGTH CODING SEQUENCE CDNA LIBRARIES

```

; FILE REFERENCE: LSB.206.NPUS00
; CURRENT APPLICATION NUMBER: US/10/121,641D
; CURRENT FILING DATE: 2002-04-12
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 1
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Tail Sequence
US-10-121-641D-1

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Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels

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Query Match      0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels
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; FILE REFERENCE: 50036/031002
; CURRENT APPLICATION NUMBER: US/10/208,357
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US/09/619,103
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/145,834
; PRIOR FILING DATE: 1999-07-27
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 22
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: designed sequence for
US-10-208-357-22

```

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred.No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels

| | | | | |
|-----------------------|-----------------|-------------------|-----------|------------|
| Query Match | 0.6% | Score 16; | DB 1; | Length 16; |
| Best Local Similarity | 100.0%; | Pred.No. 9.5e+02; | | |
| Matches 16; | Conservative 0; | Mismatches 0; | Indels 0; | Gaps 0; |

Qy 2709 AAAAAAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAAAAAA 1

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
| | | | | | | | | | | | | | | |
Db 16 AAAAAAAAAAAAAA 1

RESULT 784
US-10-398-483-10
; Sequence 10, Application US/10398483
; Publication No. US20040166499A1
; GENERAL INFORMATION:
; APPLICANT: Hayashizaki, Yoshihide
; TITLE OF INVENTION: Oligonucleotide linkers comprising a variable cohesive portion a,
; TITLE OF INVENTION: for the preparation of polynucleotide libraries by using said 1,
; FILE REFERENCE: 2870-0247P
; CURRENT APPLICATION NUMBER: US/10/398,483
; CURRENT FILING DATE: 2003-04-04
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Sequence used in the preparation of a full-length cDNA library
US-10-398-483-10

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
| | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAA 16

RESULT 785
US-10-755-118-94/c
; Sequence 94, Application US/10755118
; Publication No. US20050009041A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Bers, Rolf Henrik
; TITLE OF INVENTION: PEPTIDE NUCLEIC ACIDS AND SYNTHETIC PROCEDURES THEREFOR
; FILE REFERENCE: ISIS-5427
; CURRENT APPLICATION NUMBER: US/10/755,118
; CURRENT FILING DATE: 2004-01-09
; PRIOR APPLICATION NUMBER: US 08/462,977
; PRIOR FILING DATE: 1995-06-05
; PRIOR APPLICATION NUMBER: US 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-22
; PRIOR APPLICATION NUMBER: DN 510/92
; PRIOR FILING DATE: 1992-04-15
; PRIOR APPLICATION NUMBER: DN 987/91
; PRIOR FILING DATE: 1991-05-24
; PRIOR APPLICATION NUMBER: DN 986/91
; PRIOR FILING DATE: 1991-05-24
; NUMBER OF SEQ ID NOS: 157
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 94
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-10-755-118-94

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
| | | | | | | | | | | | | | | |
Db 1 AAAAAAAAAAAAAA 16

RESULT 786
US-10-360-275-9/c
; Sequence 9, Application US/10360275
; Publication No. US20040014644A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Choob, Mikhail
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES AND METHODS OF USE FOR MODULATING GENE
; FILE REFERENCE: AM102.P.1.1.IUS
; CURRENT APPLICATION NUMBER: US/10/360,275
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US 10/072,975
; PRIOR FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 09/805,296
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; NAME/KEY: misc_feature
; OTHER INFORMATION: Synthetic Construct
US-10-360-275-9

Query Match 0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
| | | | | | | | | | | | | | | |
Db 16 AAAAAAAAAAAAAA 1


```
Query Match      0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
DB 16 AAAAAAAAAAAAAA 1

RESULT 786
US-10-776-099-9/c
; Sequence 9, Application US/10776099
; Publication No. US20040141957A1
; GENERAL INFORMATION:
; APPLICANT: Tsang, Wen-Chih
; APPLICANT: Zheng, Tianli
; APPLICANT: Huang, Chang Jiang
; APPLICANT: AmCytex, Inc.
; TITLE OF INVENTION: Culturing Pancreatic Stem Cells Having a Specified,
; FILE REFERENCE: 021164-000100US
; CURRENT APPLICATION NUMBER: US/10/776,099
; CURRENT FILING DATE: 2004-02-10
; PRIOR APPLICATION NUMBER: US/09/895,585
; PRIOR FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: US 60/215,634
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 60/246,306
; PRIOR FILING DATE: 2000-11-06
; PRIOR APPLICATION NUMBER: US 60/291,787
; PRIOR FILING DATE: 2001-05-17
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligo-(dT)-16
US-10-776-099-9

Query Match      0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
DB 16 AAAAAAAAAAAAAA 1

RESULT 787
US-11-132-650-70/c
; Sequence 70, Application US/11132650
; Publication No. US20050287566A1
; GENERAL INFORMATION:
; APPLICANT: WENDEL, JESPER
; APPLICANT: NIELSEN, POUL
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES
; FILE REFERENCE: 49165-C2(71994)
; CURRENT APPLICATION NUMBER: US/11/132,650
; CURRENT FILING DATE: 2005-05-18
; PRIOR APPLICATION NUMBER: 09/152,059
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/058,541
; PRIOR FILING DATE: 1997-09-12
; PRIOR APPLICATION NUMBER: 60/068,293
; PRIOR FILING DATE: 1997-12-19
; PRIOR APPLICATION NUMBER: 60/071,682
; PRIOR FILING DATE: 1998-01-16
; PRIOR APPLICATION NUMBER: 60/076,591
; PRIOR FILING DATE: 1998-03-03
; PRIOR APPLICATION NUMBER: 60/083,507

Query Match      0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
DB 16 AAAAAAAAAAAAAA 1

RESULT 788
US-11-145-005A-130
; Sequence 130, Application US/11145005A
; Publication No. US20060084083A1
; GENERAL INFORMATION:
; APPLICANT: RUAN, YIJUN
; APPLICANT: WEI, CHIALIN
; TITLE OF INVENTION: METHOD TO GENERATE OR DETERMINE NUCLEIC ACID TAGS
; TITLE OF INVENTION: CORRESPONDING TO THE TERMINAL ENDS OF DNA MOLECULES
; TITLE OF INVENTION: USING SEQUENCES ANALYSIS OF GENE EXPRESSION (TERMINAL
; TITLE OF INVENTION: SAGE)
; FILE REFERENCE: 674175-2001
; CURRENT APPLICATION NUMBER: US/11/145,005A
; CURRENT FILING DATE: 2005-06-03
; PRIOR APPLICATION NUMBER: PCT/SG03/00255
; PRIOR FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: GB 0228289.5
; PRIOR FILING DATE: 2002-12-04
; NUMBER OF SEQ ID NOS: 165
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 130
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-11-145-005A-130

Query Match      0.6%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
DB 1 AAAAAAAAAAAAAA 16

RESULT 789
US-09-090-672B-105/c
; Sequence 105, Application US/09090672B
; Patent No. US20020068707A1
; GENERAL INFORMATION:
; APPLICANT: Ishiwata, Tetsuyoshi; Sakurada, Mikiko; Nishimura,
; APPLICANT: Ayako; Nakagawa, Satoshi; Nishi, Tatsunari; Kuga, Tetsuro; Sawada,
; APPLICANT: Shigemasa; Takei, Masami
; TITLE OF INVENTION: Iga Nephropathy-Related Genes
; NUMBER OF SEQUENCES: 111
```

pubmain.res

Tue Nov 7 10:41:37 2006

;; CORRESPONDENCE ADDRESS:
;; ADDRESS: Fitzpatrick, Cella, Harper & Scinto
;; STREET: 30 Rockefeller Plaza
;; CITY: New York
;; STATE: New York
;; ZIP: 10112-3801
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
;; COMPUTER: Compaq PC
;; OPERATING SYSTEM: Windows 95
;; SOFTWARE: WordPerfect 8.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/090,672B
;; FILING DATE: 04-JUNE-1998
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: PCT/JP97/04468
;; FILING DATE: 05-DEC-1997
;; APPLICATION NUMBER: JP-8-325763
;; FILING DATE: 05-DEC-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Perry, Lawrence S.
;; REGISTRATION NUMBER: 31865
;; REFERENCE/DOCKET NUMBER: 766.21
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212) 218-2100
;; TELEFAX: (212) 218-2200
;; INFORMATION FOR SEQ ID NO: 105:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid, synthetic DNA
US-09-090-672B-105

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2723
Db 17 TAAAAAAAAAAAAAAAAA 2

RESULT 790
US-09-730-559B-107/c
; Sequence 107, Application US/09730559B
; Publication No. US20030207828A1
; GENERAL INFORMATION:
; APPLICANT: ISHINATA, TETSUYOSHI
; APPLICANT: SAKURADA, MIKIO
; APPLICANT: KAWABATA, AYAKO
; APPLICANT: NAKAGAWA, SATOSHI
; APPLICANT: NISHI, TATSUNARI
; APPLICANT: KUGA, TETSURO
; APPLICANT: SAWADA, SHIGEMASA
; APPLICANT: TAKEI, MASAMI
; APPLICANT: SHIBATA, KENJI
; APPLICANT: FURUYA, AKIO
; TITLE OF INVENTION: IGA NEPHROPATHY-ASSOCIATED GENE
; FILE REFERENCE: 766.21 CIP
; CURRENT APPLICATION NUMBER: US/09/730,559B
; CURRENT FILING DATE: 2000-12-07
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 107
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-730-559B-107

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2723
Db 17 TAAAAAAAAAAAAAAAAA 2

RESULT 791
US-10-138-674-1074/c
; Sequence 1074, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 1074
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1074

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
Db 17 AAAAAAAAAAAAAAAAAA 2

RESULT 792
US-10-138-674-1075/c
; Sequence 1075, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 1075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-1075

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAAAAAA 1

```
RESULT 793
US-10-156-306-6333/c
; Sequence 6333, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6333
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6333

Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2535 GGCCTTGCTCTCAGCC 2550
Db 16 GGCCTTGCTCTCAGCC 1

RESULT 794
US-10-156-306-6896/c
; Sequence 6896, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6896
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6896

Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2536 GGCCTTGCTCTCAGCCA 2551
Db 17 GGCCTTGCTCTCAGCCA 2

RESULT 795
US-10-220-373-7/c
; Sequence 7, Application US/10220373
; Publication No. US20030180743A1
; GENERAL INFORMATION:
; APPLICANT: NAGASU, Takeshi
; APPLICANT: OSHIDA, Tadahiro
; APPLICANT: OBAYASHI, Izumi
; APPLICANT: MATSUI, Keiko
; APPLICANT: SAITO, Hirohisa
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASE
; FILE REFERENCE: SHZ-010US
; CURRENT APPLICATION NUMBER: US/10/220,373
; CURRENT FILING DATE: 2002-08-30
```

```
; PRIOR APPLICATION NUMBER: JP 2000-61832
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Artificially
; OTHER INFORMATION: Synthesized Primer Sequence
US-10-220-373-7

Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAATAAAAAAAAAA 2723
Db 17 TAAAAAATAAAAAAAAAA 2

RESULT 796
US-10-239-734-3/c
; Sequence 3, Application US/10239734
; Publication No. US20040161746A1
; GENERAL INFORMATION:
; APPLICANT: GENOX RESEARCH, INC.
; APPLICANT: JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF AGENCY OF NATIONAL CENTER FOR
; APPLICANT: CHILD HEALTH AND DEVELOPMENT
; APPLICANT: Matsumoto, Yoshiko
; APPLICANT: Tsujimoto, Gozoh
; APPLICANT: Nagasu, Takeshi
; APPLICANT: Sugita, Yuji
; APPLICANT: Oshida, Tadahiro
; APPLICANT: Imai, Yukiho
; TITLE OF INVENTION: Method of Testing For Allergic Disease
; FILE REFERENCE: SHIMIZU-07379
; CURRENT APPLICATION NUMBER: US/10/239,734
; CURRENT FILING DATE: 2002-09-24
; PRIOR APPLICATION NUMBER: PCT/JP01/11286
; PRIOR FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: 2000-389476 JP
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: "GT15A", an artificially synthesized primer sequence
US-10-239-734-3

Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAATAAAAAAAAAA 2723
Db 17 TAAAAAATAAAAAAAAAA 2

RESULT 797
US-10-287-949A-1074/c
; Sequence 1074, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
```

Tue Nov 7 10:41:37 2006

```

; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1074
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-1074

Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
Db 17 AAAAAAAAAAAAAAAAAA 2

RESULT 798
US-10-287-949A-1075/c
; Sequence 1075, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION: Pharmaceuticals, Inc.
; APPLICANT: Ribozyme
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1075
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-1075

Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAAAAAA 1

RESULT 799
US-10-291-808-63/c
; Sequence 63, Application US/10291808
; Publication No. US20030224382A1
; GENERAL INFORMATION:
; APPLICANT: Welsh, John
; APPLICANT: McClelland, Michael
; APPLICANT: Trenkle, Thomas
; TITLE OF INVENTION: Reduced Complexity Nucleic Acid Targets and Methods of
; TITLE OF INVENTION: Using Same
; FILE REFERENCE: P-PH 3457
; CURRENT APPLICATION NUMBER: US/10/291,808
; CURRENT FILING DATE: 2002-11-07
; PRIOR APPLICATION NUMBER: US/09/300,958
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/083,331
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/098,070
; PRIOR FILING DATE: 1998-08-27

```

```

; PRIOR APPLICATION NUMBER: 60/118,624
; PRIOR FILING DATE: 1999-02-04
; NUMBER OF SEQ ID NOS: 85
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 63
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-291-808-63

Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2723
Db 17 TAAAAAAAAAAAAAAAAA 2

RESULT 800
US-10-309-152A-3/c
; Sequence 3, Application US/10309152A
; Publication No. US20030175759A1
; GENERAL INFORMATION:
; APPLICANT: Hitachi LTD.
; TITLE OF INVENTION: A method for prediction of genes and a method for providing a li:
; FILE REFERENCE: H02001031A
; CURRENT APPLICATION NUMBER: US/10/309,152A
; CURRENT FILING DATE: 2002-12-04
; PRIOR APPLICATION NUMBER: JP 2002-047297
; PRIOR FILING DATE: 2002-02-25
; NUMBER OF SEQ ID NOS: 10
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Oligo-d(T) primer by Nippon Flour Mills
US-10-309-152A-3

Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2723
Db 17 TAAAAAAAAAAAAAAAAA 2

RESULT 801
US-10-333-461-24/c
; Sequence 24, Application US/10333461
; Publication No. US20030165952A1
; GENERAL INFORMATION:
; APPLICANT: Global Genomics AB
; APPLICANT: Linnarsson, Sten
; APPLICANT: Enfors, Patrik
; APPLICANT: Bauren, Goran
; TITLE OF INVENTION: Methods for analysis and identification of transcribed
; TITLE OF INVENTION: Genes, and fingerprinting
; FILE REFERENCE: smwfp5941752
; CURRENT APPLICATION NUMBER: US/10/333,461
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: GB 0018016.6
; PRIOR FILING DATE: 2000-07-21
; PRIOR APPLICATION NUMBER: US 60/219,925
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17

```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-333-461-24
```

```
Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAA 1
```

```
RESULT 802
US-10-352-253A-24/c
; Sequence 24, Application US/10352253A
; Publication No. US20030175908A1
; GENERAL INFORMATION:
; APPLICANT: Linnarsson, Sten
; APPLICANT: Ernfors, Patrik
; APPLICANT: Bauren, Goran
; APPLICANT: Metsis, Ats
; APPLICANT: Pihlak, Arno
; APPLICANT: Montelius, Andreas
; TITLE OF INVENTION: Methods And Means For Manipulating Nucleic Acid
; FILE REFERENCE: 620-234
; CURRENT APPLICATION NUMBER: US/10/352,253A
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,215
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-253A-24
```

```
Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAA 1
```

```
RESULT 803
US-10-352-255A-24/c
; Sequence 24, Application US/10352255A
; Publication No. US20030215839A1
; GENERAL INFORMATION:
; APPLICANT: LONNERBERG, Peter
; APPLICANT: OLDIN, Mats
; APPLICANT: LINNARSSON, Sten
; APPLICANT: ERNFORS, Patrik
; TITLE OF INVENTION: Methods and Means for Identification of Gene Features
; FILE REFERENCE: 620-235
; CURRENT APPLICATION NUMBER: US/10/352,255A
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: US 60/352,245
; PRIOR FILING DATE: 2002-01-29
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 17
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Double-stranded product DNA
US-10-352-255A-24
```

```
Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2709 AAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAA 1
```

```
RESULT 804
US-10-380-254-3/c
; Sequence 3, Application US/10380254
; Publication No. US20040038252A1
; GENERAL INFORMATION:
; APPLICANT: Sugita et al.
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
; FILE REFERENCE: 6235-64773
; CURRENT APPLICATION NUMBER: US/10/380,254
; CURRENT FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08246
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: JP 2000-291318
; PRIOR FILING DATE: 2000-09-25
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:an artificially
; OTHER INFORMATION: synthesized primer sequence
US-10-380-254-3
```

```
Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 2708 TAAAAAAAAAAAAA 2723
Db 17 TAAAAAAAAAAAAA 2
```

```
RESULT 805
US-10-380-255-6/c
; Sequence 6, Application US/10380255
; Publication No. US2004003263A1
; GENERAL INFORMATION:
; APPLICANT: Sugita et al.
; TITLE OF INVENTION: METHOD OF TESTING FOR ALLERGIC DISEASES
; FILE REFERENCE: 6235-64935
; CURRENT APPLICATION NUMBER: US/10/380,255
; CURRENT FILING DATE: 2003-03-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08247
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: JP 2000-293021
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:an artificially
; OTHER INFORMATION: synthesized primer sequence
US-10-380-255-6
```

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAGAAAAAA 2723
DB 17 TAAAAAAGAAAAAA 2

RESULT 806
US-10-398-877-18/c
; Sequence 18, Application US/10398877
; Publication No. US20040058351A1
; GENERAL INFORMATION:
; APPLICANT: Sugita, Yuji
; APPLICANT: Hashida, Ryoichi
; APPLICANT: Ogawa, Kaoru
; APPLICANT: Nagasu, Takeshi
; APPLICANT: Obayashi, Masaya
; APPLICANT: Saito, Hirohisa
; TITLE OF INVENTION: Method of Testing for Allergic Diseases
; FILE REFERENCE: SHIMIZU-07906
; CURRENT APPLICATION NUMBER: US/10/398,877
; PRIOR FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08574
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: JP 2000-314093
; PRIOR FILING DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 18
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-398-877-18

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAGAAAAAA 2723
DB 17 TAAAAAAGAAAAAA 2

RESULT 807
US-10-398-885A-2/c
; Sequence 2, Application US/1039885A
; Publication No. US20040053282A1
; GENERAL INFORMATION:
; APPLICANT: Sugita, Yuji
; APPLICANT: Hashida, Ryoichi
; APPLICANT: Ogawa, Kaoru
; APPLICANT: Nagasu, Takeshi
; APPLICANT: Obayashi, Masaya
; APPLICANT: Saito, Hirohisa
; APPLICANT: Takahashi, Eiki
; TITLE OF INVENTION: Method of Testing For Allergic Diseases
; FILE REFERENCE: SHIMIZU-07907
; CURRENT APPLICATION NUMBER: US/10/398,885A
; PRIOR FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08937
; PRIOR FILING DATE: 2001-10-11
; PRIOR APPLICATION NUMBER: JP 2000-314093
; PRIOR FILING DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-398-885A-2

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAGAAAAAA 2723
DB 17 TAAAAAAGAAAAAA 2

RESULT 808
US-10-498-462-161
; Sequence 161, Application US/10498462
; Publication No. US20040259175A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Jinjiao
; TITLE OF INVENTION: HUMAN PROSTATE CANCER CANDIDATE PROTEIN 1
; FILE REFERENCE: PB01102
; CURRENT APPLICATION NUMBER: US/10/498,462
; CURRENT FILING DATE: 2004-06-10
; PRIOR FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: PCT/US02/37506
; PRIOR FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 3320
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 161
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-498-462-161

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 703 AGAGGAAGAACAGAA 718
DB 2 AGAGGAAGAACAGAA 17

RESULT 809
US-10-498-462-162
; Sequence 162, Application US/10498462
; Publication No. US20040259175A1
; GENERAL INFORMATION:
; APPLICANT: Guo, Jinjiao
; TITLE OF INVENTION: HUMAN PROSTATE CANCER CANDIDATE PROTEIN 1
; FILE REFERENCE: PB01102
; CURRENT APPLICATION NUMBER: US/10/498,462
; CURRENT FILING DATE: 2004-06-10
; PRIOR FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: PCT/US02/37506
; PRIOR FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 3320
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 162
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-498-462-162

Query Match 0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 703 AGAGGAAGAACAGAA 718
DB 2 AGAGGAAGAACAGAA 17

Db 1 AGAGGAGACAAAGAA 16

RESULT 810

US-10-608-863-3/c

; Sequence 3, Application US/10608863

; Publication No. US20040214192A1

; GENERAL INFORMATION:

; APPLICANT: Hashida, Ryoichi

; APPLICANT: Kagaya, Shinji

; APPLICANT: Yayoi, Yoshihiro

; APPLICANT: Sugita, Yuji

; APPLICANT: Saito, Hirohisa

; TITLE OF INVENTION: METHODS FOR EXAMINATION FOR ALLERGIC DISEASES, AND DRUGS FOR TREA

; TITLE OF INVENTION: ALLERGIC DISEASES

; FILE REFERENCE: 3462.1003-000

; CURRENT APPLICATION NUMBER: US/10/608,863

; PRIOR FILING DATE: 2003-06-27

; PRIOR APPLICATION NUMBER: JP 2002-188490

; PRIOR FILING DATE: 2002-06-27

; NUMBER OF SEQ ID NOS: 18

; SOFTWARE: PatentIn Ver. 2.0

; SEQ ID NO 3

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:Artificially

; OTHER INFORMATION: Synthesized Primer Sequence

US-10-608-863-3

Query Match

Best Local Similarity 0.6%; Score 16; DB 1; Length 17;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2708 TAAAAAAAAAAAAA 2723

Db 17 TAAAAAAAAAAAAA 2

RESULT 811

US-10-951-303-1074/c

; Sequence 1074, Application US/10951303

; Publication No. US20050227937A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Relate

; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

; FILE REFERENCE: MBH00-876-K (400/021)

; CURRENT APPLICATION NUMBER: US/10/951,303

; CURRENT FILING DATE: 2004-09-27

; PRIOR APPLICATION NUMBER: US/09/685,664

; PRIOR FILING DATE: 2000-10-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; PRIOR APPLICATION NUMBER: US 09/371,772

; PRIOR FILING DATE: 1999-08-10

; NUMBER OF SEQ ID NOS: 8231

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1074

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-951-303-1074

Query Match

Best Local Similarity 0.6%; Score 16; DB 1; Length 17;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2724

Db 17 AAAAAAAAAAAAAA 2

RESULT 812

US-10-951-303-1075/c

; Sequence 1075, Application US/10951303

; Publication No. US20050227937A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Relat

; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor

; FILE REFERENCE: MBH00-876-K (400/021)

; CURRENT APPLICATION NUMBER: US/10/951,303

; CURRENT FILING DATE: 2004-09-27

; PRIOR APPLICATION NUMBER: US/09/685,664

; PRIOR FILING DATE: 2000-10-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; PRIOR APPLICATION NUMBER: US 09/371,772

; PRIOR FILING DATE: 1999-08-10

; NUMBER OF SEQ ID NOS: 8231

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1075

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-951-303-1075

Query Match

Best Local Similarity 0.6%; Score 16; DB 1; Length 17;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2709 AAAAAAAAAAAAAA 2724

Db 16 AAAAAAAAAAAAAA 1

RESULT 813

US-11-099-683-30/c

; Sequence 30, Application US/11099683

; Publication No. US20060019916A1

; GENERAL INFORMATION:

; APPLICANT: Krieg, Arthur

; APPLICANT: Vollmer, Joerg

; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR INDUCING IL-10 RESPONSES

; FILE REFERENCE: C1037.70047US01

; CURRENT APPLICATION NUMBER: US/11/099,683

; CURRENT FILING DATE: 2005-04-04

; PRIOR APPLICATION NUMBER: US 60/558,951

; PRIOR FILING DATE: 2004-04-02

; NUMBER OF SEQ ID NOS: 143

; SOFTWARE: PatentIn version 3.3

; SEQ ID NO 30

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Artificial sequence

; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1)..(17)

; OTHER INFORMATION: where the linkages between bases are phosphorothioate linkages

; FEATURE:

```
; NAME/KEY: modified_base
; LOCATION: (2)..(2)
; OTHER INFORMATION: wherein n is G or a modified G nucleotide
US-11-099-683-30

Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAANA 1

RESULT 814
US-11-099-683-33/c
; Sequence 33, Application US/11099683
; Publication No. US20060019916A1
; GENERAL INFORMATION:
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR INDUCING IL-10 RESPONSES
; FILE REFERENCE: C1037.70047US01
; CURRENT APPLICATION NUMBER: US/11/099,683
; CURRENT FILING DATE: 2005-04-04
; PRIOR APPLICATION NUMBER: US 60/558,951
; PRIOR FILING DATE: 2004-04-02
; NUMBER OF SEQ ID NOS: 143
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 33
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (1)..(17)
; OTHER INFORMATION: where the linkages between bases are phosphorothioate linkages
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (1)..(17)
; OTHER INFORMATION: wherein n is 5-hydroxy-deoxycytidine
US-11-099-683-33

Query Match          0.6%; Score 16; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 9.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2725
Db 17 AAAAAAAAAAAAAANA 1

RESULT 815
US-09-775-479-9/c
; Sequence 9, Application US/09775479
; Publication No. US20040067197A1
; GENERAL INFORMATION:
; APPLICANT: LECLEERC, Guy
; APPLICANT: MARTEL, R.mi
; TITLE OF INVENTION: RADIOLABELED DNA CARRIER, METHOD OF
; TITLE OF INVENTION: RADIOLABELED DNA CARRIER, METHOD OF PREPARATION AND
; FILE REFERENCE: 12168-1US-2
; CURRENT APPLICATION NUMBER: US/09/775,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 09/318,106
; PRIOR FILING DATE: 1999-05-24
; PRIOR APPLICATION NUMBER: 08/756,728
; PRIOR FILING DATE: 1996-11-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: FastSEQ for Windows Version 3.0
```

```
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-09-775-479-9

Query Match          0.6%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAA 2723
Db 16 TAAAAAAAAAAAAA 1

RESULT 816
US-09-994-311-5/c
; Sequence 5, Application US/09994311
; Publication No. US20030082556A1
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/09/994,311
; CURRENT FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-994-311-5

Query Match          0.6%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAA 1

RESULT 817
US-10-872-984-5/c
; Sequence 5, Application US/10872984
; Publication No. US20040265888A1
; GENERAL INFORMATION:
; APPLICANT: Kaufman, Joseph C.
; APPLICANT: Roth, Matthew E.
; APPLICANT: Lizardi, Paul M.
; APPLICANT: Feng, Li
; APPLICANT: Latimer, Darin R.
; TITLE OF INVENTION: Binary Encoded Sequence Tags
; FILE REFERENCE: AGL 100
; CURRENT APPLICATION NUMBER: US/10/872,984
; CURRENT FILING DATE: 2004-06-21
; PRIOR APPLICATION NUMBER: US/09/994,311
; PRIOR FILING DATE: 2001-11-26
; PRIOR APPLICATION NUMBER: US/09/637,751
; PRIOR FILING DATE: 2000-08-11
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
```



```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-872-984-5
```

```
Query Match          0.6%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAA 2724
Db 16 AAAAAAAAAAAAAA 1
```

RESULT 818

```
US-10-517-544-62
; Sequence 62, Application US/10517544
; Publication No. US20050250100A1
; GENERAL INFORMATION:
; APPLICANT: RIKEN
; TITLE OF INVENTION: KABUSHIKI KAISHA DNAFORM
; FILE REFERENCE: 1336(PCT)
; CURRENT APPLICATION NUMBER: US/10/517,544
; CURRENT FILING DATE: 2004-12-10
; PRIOR APPLICATION NUMBER: JP 2002-171851
; PRIOR FILING DATE: 2002-06-12
; PRIOR APPLICATION NUMBER: JP 2002-235294
; PRIOR FILING DATE: 2002-08-12
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 62
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: tag3
US-10-517-544-62
```

```
Query Match          0.6%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 2709 AAAAAAAAAAAAAA 2724
Db 2 AAAAAAAAAAAAAA 17
```

RESULT 819

```
US-10-800-487-162/c
; Sequence 162, Application US/10800487
; Publication No. US20050048529A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Intercellular Adhesion
; FILE REFERENCE: 400/148 (MBH04-218)
; CURRENT APPLICATION NUMBER: US/10/800,487
; CURRENT FILING DATE: 2004-03-15
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-15
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: US 10/427,160
```

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; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 438
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 162
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-800-487-162
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Query Match          0.6%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 2709 AAAAAAAAAAAAAA 2724
Db 18 AAAAAAAAAAAAAA 3
```

RESULT 820

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US-10-800-487-328
; Sequence 328, Application US/10800487
; Publication No. US20050048529A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Intercellular Adhesion
; FILE REFERENCE: 400/148 (MBH04-218)
; CURRENT APPLICATION NUMBER: US/10/800,487
; CURRENT FILING DATE: 2004-03-15
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-15
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: US 10/427,160
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 438
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 328
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-800-487-328
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;
; TITLE OF INVENTION: Synthase Ligand (FASL) Gene Expression Using Short Interfering
; TITLE OF INVENTION: Nucleic Acid (SINA)
; FILE REFERENCE: 400/164 (MEHB04-487)
; CURRENT APPLICATION NUMBER: US/10/871,222
; CURRENT FILING DATE: 2004-06-18
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US10/826966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US10/757803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US10/720448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US10/693059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US10/444853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US60/358580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US60/363124
; PRIOR FILING DATE: 2002-03-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 706
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 300
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
; US-10-871-222-300

Query Match 0.6%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2723
DB 16 TAAAAAAAAAAAAAAAAA 1

RESULT 823
US-10-923-181-162/C
; Sequence 162, Application US/10923181
; Publication No. US20050187174A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Richards, Ivan
; TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Intercellular Adhesion
; TITLE OF INVENTION: Molecule (ICAM) Gene Expression Using Short Interfering Nucleic
; TITLE OF INVENTION: Acid (siNA)
; FILE REFERENCE: 400/221 (MEHB04-218-A)
; CURRENT APPLICATION NUMBER: US/10/923,181
; CURRENT FILING DATE: 2004-08-20
; PRIOR APPLICATION NUMBER: US 10/800,487
; PRIOR FILING DATE: 2004-03-15
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: PCT/US04/13456
; PRIOR FILING DATE: 2004-04-30
; PRIOR APPLICATION NUMBER: US 10/780,447
; PRIOR FILING DATE: 2004-02-13
; PRIOR APPLICATION NUMBER: US 60/292,217
; PRIOR FILING DATE: 2001-05-18
; PRIOR APPLICATION NUMBER: US 60/362,016
; PRIOR FILING DATE: 2002-03-06
;

Query Match 0.6%; Score 16; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.3e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2723
DB 4 UAAAAAAAAAAAAAAAAA 19

RESULT 822
US-10-871-222-300/C
; Sequence 300, Application US/10871222
; Publication No. US20050119212A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Haerberli, Peter
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Mediated Inhibition Fatty Acid Synthase (FAS) and Fatty Acids
; TITLE OF INVENTION: Synthase Ligand (FASL) Gene Expression Using Short Interfering
; TITLE OF INVENTION: Nucleic Acid (SINA)
; FILE REFERENCE: 400/164 (MEHB04-487)
; CURRENT APPLICATION NUMBER: US/10/871,222
; CURRENT FILING DATE: 2004-06-18
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US10/826966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US10/757803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US10/720448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US10/693059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US10/444853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US60/358580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US60/363124
; PRIOR FILING DATE: 2002-03-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 706
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
; US-10-871-222-150

Query Match 0.6%; Score 16; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.3e+02;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAAAAAA 2723
DB 4 UAAAAAAAAAAAAAAAAA 19

RESULT 822
US-10-871-222-300/C
; Sequence 300, Application US/10871222
; Publication No. US20050119212A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Haerberli, Peter
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Mediated Inhibition Fatty Acid Synthase (FAS) and Fatty Acids
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/ PRIOR APPLICATION NUMBER: US 60/306,883
/ PRIOR FILING DATE: 2001-07-20
/ PRIOR APPLICATION NUMBER: US 60/311,865
/ PRIOR FILING DATE: 2001-08-13
/ PRIOR APPLICATION NUMBER: US 10/727,780
/ PRIOR FILING DATE: 2003-12-03
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 458
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 162
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-923-181-162

Query Match          0.6%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
Db 18 AAAAAAAAAAAAAA 3

RESULT 824
US-10-923-181-328
/ Sequence 328, Application US/10923181
/ Publication No. US20050187174A1
/ GENERAL INFORMATION:
/ APPLICANT: Sinna Therapeutics, Inc.
/ APPLICANT: Richards, Ivan
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Intercellular Adhesion
/ TITLE OF INVENTION: Molecule (ICAM) Gene Expression Using Short Interfering Nucleic
/ TITLE OF INVENTION: Acid (siNA)
/ FILE REFERENCE: 400/221 (MBHB04-218-A)
/ CURRENT APPLICATION NUMBER: US/10/923,181
/ CURRENT FILING DATE: 2004-08-20
/ PRIOR APPLICATION NUMBER: US 10/800,487
/ PRIOR FILING DATE: 2004-03-15
/ PRIOR APPLICATION NUMBER: PCT/US04/16390
/ PRIOR FILING DATE: 2004-05-24
/ PRIOR APPLICATION NUMBER: US 10/826,966
/ PRIOR FILING DATE: 2004-04-16
/ PRIOR APPLICATION NUMBER: PCT/US04/13456
/ PRIOR FILING DATE: 2004-04-30
/ PRIOR APPLICATION NUMBER: US 10/780,447
/ PRIOR FILING DATE: 2004-02-13
/ PRIOR APPLICATION NUMBER: US 60/292,217
/ PRIOR FILING DATE: 2001-05-18
/ PRIOR APPLICATION NUMBER: US 60/362,016
/ PRIOR FILING DATE: 2002-03-06
/ PRIOR APPLICATION NUMBER: US 60/306,883
/ PRIOR FILING DATE: 2001-07-20
/ PRIOR APPLICATION NUMBER: US 60/311,865
/ PRIOR FILING DATE: 2001-08-13
/ PRIOR APPLICATION NUMBER: US 10/727,780
/ PRIOR FILING DATE: 2003-12-03
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 458
/ SOFTWARE: PatentIn version 3.3
/ SEQ ID NO 328
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-923-181-328

Query Match          0.6%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.3e+02;
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Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2709 AAAAAAAAAAAAAA 2724
Db 2 AAAAAAAAAAAAAA 17

RESULT 825
US-10-251-117-247/c
/ Sequence 247, Application US/10251117
/ Publication No. US20030170891A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Epidermal Growth Factor
/ TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
/ FILE REFERENCE: 900/042 (MBHB02-468-A)
/ CURRENT APPLICATION NUMBER: US/10/251,117
/ CURRENT FILING DATE: 2003-02-24
/ PRIOR APPLICATION NUMBER: US 60/393,924
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: US 10/163,552
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 09/916,466
/ PRIOR FILING DATE: 2001-07-25
/ PRIOR APPLICATION NUMBER: US 60/296,249
/ PRIOR FILING DATE: 2001-06-06
/ NUMBER OF SEQ ID NOS: 1213
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 247
/ LENGTH: 19
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-251-117-247

Query Match          0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2708 TAAAAAAAAAAAAA 2726
Db 19 TAAAAAAAAACAAACAAAA 1

RESULT 826
US-10-251-117-496
/ Sequence 496, Application US/10251117
/ Publication No. US20030170891A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: McSwiggen, James
/ TITLE OF INVENTION: RNA Interference Mediated Inhibition Of Epidermal Growth Factor
/ TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
/ FILE REFERENCE: 900/042 (MBHB02-468-A)
/ CURRENT APPLICATION NUMBER: US/10/251,117
/ CURRENT FILING DATE: 2003-02-24
/ PRIOR APPLICATION NUMBER: US 60/393,924
/ PRIOR FILING DATE: 2002-07-03
/ PRIOR APPLICATION NUMBER: US 10/163,552
/ PRIOR FILING DATE: 2002-06-06
/ PRIOR APPLICATION NUMBER: US 60/358,580
/ PRIOR FILING DATE: 2002-02-20
/ PRIOR APPLICATION NUMBER: US 09/916,466
/ PRIOR FILING DATE: 2001-07-25
/ PRIOR APPLICATION NUMBER: US 60/296,249
/ PRIOR FILING DATE: 2001-06-06
/ NUMBER OF SEQ ID NOS: 1213
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 496
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Tue Nov 7 10:41:37 2006

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;
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-496

Query Match      0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.6e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2708 TAAAAAACAACAAAAA 2726
Db 1 URAAAAAACAACAAAAA 19

RESULT 827
US-10-444-925-197
; Sequence 197, Application US/10444925
; Publication No. US20040009946A1
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTPIB SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 197
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-197

Query Match      0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 8.6e+02;
Matches 15; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2436 TGAAGACGACGAGCTGCT 2454
Db 1 UGAAGACGACGACGCGCT 19

RESULT 828
US-10-750-185-11109/c
; Sequence 1109, Application US/10750185
; Publication No. US20050260603A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: COMPOSITIONS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-2
; CURRENT APPLICATION NUMBER: US/10/750,185
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11109
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
US-10-750-185-11109
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;
; OTHER INFORMATION: Reverse Primer
US-10-750-185-11109

Query Match      0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 280 GGAATTTGGGAGGTTTTT 298
Db 19 GGGATTTGGGAGGTTTTT 1

RESULT 829
US-10-750-623-11109/c
; Sequence 11109, Application US/10750623
; Publication No. US20050287531A1
; GENERAL INFORMATION:
; APPLICANT: MMI GENOMICS, INC.
; APPLICANT: DENISE, Sue K.
; APPLICANT: KERR, Richard
; APPLICANT: ROSENFELD, David
; APPLICANT: HOLM, Tom
; APPLICANT: BATES, Stephen
; APPLICANT: FANTIN, Dennis
; TITLE OF INVENTION: METHODS AND SYSTEMS FOR INFERRING BOVINE TRAITS
; FILE REFERENCE: MM1100-1
; CURRENT APPLICATION NUMBER: US/10/750,623
; CURRENT FILING DATE: 2003-12-31
; PRIOR APPLICATION NUMBER: US 60/437,482
; PRIOR FILING DATE: 2002-12-31
; NUMBER OF SEQ ID NOS: 64922
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11109
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Reverse Primer
US-10-750-623-11109

Query Match      0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 280 GGAATTTGGGAGGTTTTT 298
Db 19 GGGATTTGGGAGGTTTTT 1

RESULT 830
US-10-863-973-389/c
; Sequence 389, Application US/10863973
; Publication No. US2005014333A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Richards, Ivan
; APPLICANT: Polisky, Barry
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Interleukin and
; TITLE OF INVENTION: Interleukin Receptor Gene Expression Using Short Interfering
; FILE REFERENCE: 400/163 (MBHB03-084-D)
; CURRENT APPLICATION NUMBER: US/10/863,973
; CURRENT FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: PCT/US03/04566
; PRIOR FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
```

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; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1832
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 389
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-863-973-389

Query Match          0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred.No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1280 GGGGGCTTTGACATATCCT 1298
      |||||:|||||
Db 19 GGGGGCTTTGGCATGTCCT 1

RESULT 831
US-10-863-973-589
; Sequence 589, Application US/10863973
; Publication No. US2005014333A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Richards, Ivan
; APPLICANT: Polisky, Barry
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Interleukin and
; TITLE OF INVENTION: Interleukin Receptor Gene Expression Using Short Interfering
; FILE REFERENCE: 400/163 (MBH803-084-D)
; CURRENT FILING DATE: 2004-06-09
; PRIOR APPLICATION NUMBER: US/10/863,973
; PRIOR FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: PCT/US03/04566
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1832
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 589
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-922-675-389

Query Match          0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred.No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1280 GGGGGCTTTGACATATCCT 1298
      |||||:|||||
Db 19 GGGGGCTTTGGCATGTCCT 1

RESULT 833
US-10-922-675-589
; Sequence 589, Application US/10922675
; Publication No. US20050182007A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Richards, Ivan
; APPLICANT: Polisky, Barry
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Interleukin and
; TITLE OF INVENTION: Interleukin Receptor Gene Expression Using Short Interfering
; FILE REFERENCE: MBH803-084-F (400/228)
; CURRENT FILING DATE: 2004-08-20
; PRIOR APPLICATION NUMBER: US/10/922,675
; PRIOR FILING DATE: 2004-07-09
; PRIOR APPLICATION NUMBER: US 10/863,973
; PRIOR FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: PCT/US03/04566
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1832
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 389
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-922-675-389

Query Match          0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred.No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1280 GGGGGCTTTGACATATCCT 1298
      |||||:|||||
Db 19 GGGGGCTTTGGCATGTCCT 1

RESULT 833
US-10-922-675-589
; Sequence 589, Application US/10922675
; Publication No. US20050182007A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Richards, Ivan
; APPLICANT: Polisky, Barry
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Interleukin and
; TITLE OF INVENTION: Interleukin Receptor Gene Expression Using Short Interfering
; FILE REFERENCE: MBH803-084-F (400/228)
; CURRENT FILING DATE: 2004-08-20
; PRIOR APPLICATION NUMBER: US/10/922,675
; PRIOR FILING DATE: 2004-07-09
; PRIOR APPLICATION NUMBER: US 10/863,973
; PRIOR FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: PCT/US03/04566
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1832
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 589
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-922-675-389
```

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-863-973-589
```

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Query Match          0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 57.9%; Pred.No. 8.6e+02;
Matches 11; Conservative 6; Mismatches 2; Indels 0; Gaps 0;
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QY 1280 GGGGGCTTTGACATATCCT 1298
      |||||:|||||
Db 1 GGGGGCUUUGGCAUGUCU 19
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RESULT 832
US-10-922-675-389/c
; Sequence 389, Application US/10922675
; Publication No. US20050182007A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Richards, Ivan
; APPLICANT: Polisky, Barry
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Interleukin and
; TITLE OF INVENTION: Interleukin Receptor Gene Expression Using Short Interfering
; FILE REFERENCE: MBH803-084-F (400/228)
; CURRENT FILING DATE: 2004-08-20
; PRIOR APPLICATION NUMBER: US/10/922,675
; PRIOR FILING DATE: 2004-07-09
; PRIOR APPLICATION NUMBER: US 10/863,973
; PRIOR FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: PCT/US03/04566
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1832
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 389
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-922-675-389
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```
Query Match          0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred.No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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```
QY 1280 GGGGGCTTTGACATATCCT 1298
      |||||:|||||
Db 19 GGGGGCTTTGGCATGTCCT 1
```

```
RESULT 833
US-10-922-675-589
; Sequence 589, Application US/10922675
; Publication No. US20050182007A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Richards, Ivan
; APPLICANT: Polisky, Barry
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Interleukin and
; TITLE OF INVENTION: Interleukin Receptor Gene Expression Using Short Interfering
; FILE REFERENCE: MBH803-084-F (400/228)
; CURRENT FILING DATE: 2004-08-20
; PRIOR APPLICATION NUMBER: US/10/922,675
; PRIOR FILING DATE: 2004-07-09
; PRIOR APPLICATION NUMBER: US 10/863,973
; PRIOR FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: PCT/US03/04566
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1832
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 589
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-922-675-389
```

APPLICANT: Sirna Therapeutics, Inc.
 APPLICANT: Richards, Ivan
 APPLICANT: Polisky, Barry
 APPLICANT: McSwiggen, James
 TITLE OF INVENTION: RNA Interference Mediated Inhibition of Interleukin and
 TITLE OF INVENTION: Interleukin Receptor Gene Expression Using Short Interfering
 TITLE OF INVENTION: Nucleic Acid (siNA)
 FILE REFERENCE: MBH03-084-F (400/228)
 CURRENT APPLICATION NUMBER: US/10/922,675
 PRIOR FILING DATE: 2004-08-20
 PRIOR APPLICATION NUMBER: US 10/863,973
 PRIOR FILING DATE: 2004-07-09
 PRIOR APPLICATION NUMBER: PCT/US03/04566
 PRIOR FILING DATE: 2003-02-14
 PRIOR APPLICATION NUMBER: PCT/US04/16390
 PRIOR FILING DATE: 2004-05-24
 PRIOR APPLICATION NUMBER: US 10/826,966
 PRIOR FILING DATE: 2004-04-16
 PRIOR APPLICATION NUMBER: US 10/757,803
 PRIOR FILING DATE: 2004-01-14
 PRIOR APPLICATION NUMBER: US 10/720,448
 PRIOR FILING DATE: 2004-04-16
 PRIOR APPLICATION NUMBER: US 10/826,966
 PRIOR FILING DATE: 2004-04-16
 PRIOR APPLICATION NUMBER: US 10/757,803
 PRIOR FILING DATE: 2004-01-14
 PRIOR APPLICATION NUMBER: US 10/720,448
 PRIOR FILING DATE: 2003-11-24
 Remaining Prior Application data removed - See File Wrapper or PALM.
 SOFTWARE: PatentIn version 3.3
 SEQ ID NO 589
 LENGTH: 19
 TYPE: RNA
 ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-922-675-589

Query Match 0.6%; Score 15.8; DB 1; Length 19;
 Best Local Similarity 57.9%; Pred. No. 8.6e+02;
 Matches 11; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1280 GGGGCGTTTGACATATCCT 1298
 |||||:::||:
 Db 1 GGGGCGCUUGGCAUGCCU 19

RESULT 834
 US-10-923-142-198/c
 Sequence 198, Application US/10923142
 Publication No. US20050182008A1
 GENERAL INFORMATION:
 APPLICANT: Sirna Therapeutics, Inc.
 APPLICANT: McSwiggen, James
 APPLICANT: Chowrira, Bharat
 APPLICANT: Haerberli, Peter
 TITLE OF INVENTION: RNA Interference Mediated Inhibition Of NOGO And NOGO Receptor
 TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
 FILE REFERENCE: 400/232 (MBH00-878-I)
 CURRENT APPLICATION NUMBER: US/10/923,142
 CURRENT FILING DATE: 2004-08-20
 PRIOR APPLICATION NUMBER: US 10/430,882
 PRIOR FILING DATE: 2003-05-06
 PRIOR APPLICATION NUMBER: PCT/US02/10512
 PRIOR FILING DATE: 2002-04-03
 PRIOR APPLICATION NUMBER: US 09/827,395
 PRIOR FILING DATE: 2001-04-05
 PRIOR APPLICATION NUMBER: US 09/780,533
 PRIOR FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: PCT/US01/04273
 PRIOR FILING DATE: 2001-02-09
 PRIOR APPLICATION NUMBER: US 60/181,797
 PRIOR FILING DATE: 2000-02-11
 PRIOR APPLICATION NUMBER: PCT/US04/16390
 PRIOR FILING DATE: 2004-05-24
 PRIOR APPLICATION NUMBER: US 10/826,966
 PRIOR FILING DATE: 2004-04-16
 PRIOR APPLICATION NUMBER: US 10/757,803
 PRIOR FILING DATE: 2004-01-14
 PRIOR APPLICATION NUMBER: US 10/720,448
 PRIOR FILING DATE: 2003-11-24
 Remaining Prior Application data removed - See File Wrapper or PALM.
 SOFTWARE: PatentIn version 3.3
 SEQ ID NO 99
 LENGTH: 19
 TYPE: RNA
 ORGANISM: Artificial Sequence

OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-922-675-589

Query Match 0.6%; Score 15.8; DB 1; Length 19;
 Best Local Similarity 57.9%; Pred. No. 8.6e+02;
 Matches 11; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1280 GGGGCGTTTGACATATCCT 1298
 |||||:::||:
 Db 1 GGGGCGCUUGGCAUGCCU 19

RESULT 834
 US-10-923-142-198/c
 Sequence 198, Application US/10923142
 Publication No. US20050182008A1
 GENERAL INFORMATION:
 APPLICANT: Sirna Therapeutics, Inc.
 APPLICANT: McSwiggen, James
 APPLICANT: Chowrira, Bharat
 APPLICANT: Haerberli, Peter
 TITLE OF INVENTION: RNA Interference Mediated Inhibition Of NOGO And NOGO Receptor
 TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
 FILE REFERENCE: 400/232 (MBH00-878-I)
 CURRENT APPLICATION NUMBER: US/10/923,142
 CURRENT FILING DATE: 2004-08-20
 PRIOR APPLICATION NUMBER: US 10/430,882
 PRIOR FILING DATE: 2003-05-06
 PRIOR APPLICATION NUMBER: PCT/US02/10512
 PRIOR FILING DATE: 2002-04-03
 PRIOR APPLICATION NUMBER: US 09/827,395
 PRIOR FILING DATE: 2001-04-05
 PRIOR APPLICATION NUMBER: US 09/780,533
 PRIOR FILING DATE: 2001-02-09
 Remaining Prior Application data removed - See File Wrapper or PALM.

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; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-923-142-99

Query Match          0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 8.6e+02;
Matches 15; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2705 TACTAAATAAAAAAAAAA 2723
   : : ||||| |||||
Db 1 UUCUUAATAAAAAAAAAA 19

RESULT 836
US-10-923-354-247/c
; Sequence 247, Application US/10923354
; Publication No. US20050176024A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: Jamison, Sharon
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
; FILE REFERENCE: 400/168 (MBH02-468-E)
; CURRENT APPLICATION NUMBER: US/10/923,354
; PRIOR FILING DATE: 2004-08-20
; PRIOR APPLICATION NUMBER: PCT/US 03/05045
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 10/251,117
; PRIOR FILING DATE: 2002-09-19
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,522
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: US 10/277,494
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 10/742,270
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: PCT/US 04/16390
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1263
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 247
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-923-354-496

Query Match          0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.6e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2708 TAAAAAATAAAAAAAAAA 2726
   : : ||||| ||||| |||||
Db 1 UAAAAAACAACAACAAAA 19

RESULT 838
US-10-923-580-148
; Sequence 148, Application US/10923580
; Publication No. US20050159382A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Haerberli, Pete
; APPLICANT: Usman, Nassim
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Polycomb Group Protein
; FILE REFERENCE: 400/211 (MBHB03-074-C)
; CURRENT APPLICATION NUMBER: US/10/923,580
; PRIOR FILING DATE: 2004-08-19
; PRIOR APPLICATION NUMBER: PCT/US03/04402
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US 60/427,467
; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
```

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; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-11-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 424
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 148
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-923-580-148

Query Match      0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.6e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2706 ACTAAAAA 2724
Db 1 ACUUGAAAAA 19

RESULT 839
US-10-923-580-296/c
; Sequence 296, Application US/109233580
; Publication No. US20050159382A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Haerberli, Pete
; APPLICANT: Usman, Nassim
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Polycomb Group Protein
; TITLE OF INVENTION: EZH2 Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/211 (MBHB03-074-C)
; CURRENT APPLICATION NUMBER: US/10/923,580
; CURRENT FILING DATE: 2004-08-19
; PRIOR APPLICATION NUMBER: PCT/US03/04402
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US 60/427,467
; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-11-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: PCT/US03/05028
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 424
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 296
; LENGTH: 19
```

```
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-923-580-296

Query Match      0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2706 ACTAAAAA 2724
Db 19 ACTTGAAAAA 1

RESULT 840
US-11-001-347-389/c
; Sequence 389, Application US/11001347
; Publication No. US20050261219A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Richards, Ivan
; APPLICANT: Polisky, Barry
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Interleukin and
; TITLE OF INVENTION: Interleukin Receptor Gene Expression Using Short Interfering
; TITLE OF INVENTION: Nucleic Acid (siNA)
; FILE REFERENCE: 400/239 (MBHB03-084-G)
; CURRENT APPLICATION NUMBER: US/11/001,347
; CURRENT FILING DATE: 2004-12-01
; PRIOR APPLICATION NUMBER: US 10/922,675
; PRIOR FILING DATE: 2004-08-20
; PRIOR APPLICATION NUMBER: US 10/863,973
; PRIOR FILING DATE: 2004-07-09
; PRIOR APPLICATION NUMBER: PCT/US03/04566
; PRIOR FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2362
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 389
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-001-347-389

Query Match      0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 8.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1280 GGGGGCTTTGACATATCCT 1298
Db 19 GGGGGCTTTGGCATGTCCT 1

RESULT 841
US-11-001-347-589
; Sequence 589, Application US/11001347
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```
; Publication No. US20050261219A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Richards, Ivan
; APPLICANT: Polisky, Barry
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Interleukin and
; TITLE OF INVENTION: Interleukin Receptor Gene Expression Using Short Interfering
; FILE REFERENCE: 400/239 (MBHB03-084-G)
; CURRENT FILING DATE: 2004-12-01
; PRIOR APPLICATION NUMBER: US 10/922,675
; PRIOR FILING DATE: 2004-08-20
; PRIOR APPLICATION NUMBER: US 10/863,973
; PRIOR FILING DATE: 2004-07-09
; PRIOR APPLICATION NUMBER: PCT/US03/04566
; PRIOR FILING DATE: 2003-02-14
; PRIOR APPLICATION NUMBER: PCT/US04/16390
; PRIOR FILING DATE: 2004-05-24
; PRIOR APPLICATION NUMBER: US 10/826,966
; PRIOR FILING DATE: 2004-04-16
; PRIOR APPLICATION NUMBER: US 10/757,803
; PRIOR FILING DATE: 2004-01-14
; PRIOR APPLICATION NUMBER: US 10/720,448
; PRIOR FILING DATE: 2003-11-24
; PRIOR APPLICATION NUMBER: US 10/693,059
; PRIOR FILING DATE: 2003-10-23
; PRIOR APPLICATION NUMBER: US 10/444,853
; PRIOR FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: PCT/US03/05346
; PRIOR FILING DATE: 2003-02-20
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2362
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 589
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-11-001-347-589

Query Match 0.6%; Score 15.8; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 8.6e+02;
Matches 11; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

Qy 1280 GGGGCTTTCATATCCT 1298
Db 1 GGGGGCUUGGCAUGCCU 19

RESULT 842
US-10-146-474-17/c
; Sequence 17, Application US/10146474
; Publication No. US20030023061A1
; GENERAL INFORMATION:
; APPLICANT: Umansky, Samuil
; TITLE OF INVENTION: A FAMILY OF GENES ENCODING
; APOPTOSIS-RELATED PEPTIDES; PEPTIDES ENCODED THEREBY AND
; METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/301,764
; FILING DATE: 20-No. US20040039184A1-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,067
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Lehnhardt, Susan K.
; REGISTRATION NUMBER: 33,943
; REFERENCE/DOCKET NUMBER: 23647-20018.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; US-10-146-474-17
```

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/146,474
; FILING DATE: 14-May-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,067
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Lehnhardt, Susan K.
; REGISTRATION NUMBER: 33,943
; REFERENCE/DOCKET NUMBER: 23647-20018.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-146-474-17

Query Match 0.6%; Score 15.6; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.6e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAACAAAAA 2723
Db 17 SNAACAAAAA 1

RESULT 843
US-10-301-764-17/c
; Sequence 17, Application US/10301764
; Publication No. US20040039184A1
; GENERAL INFORMATION:
; APPLICANT: Umansky, Samuil
; TITLE OF INVENTION: A FAMILY OF GENES ENCODING
; APOPTOSIS-RELATED PEPTIDES; PEPTIDES ENCODED THEREBY AND
; METHODS OF USE THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/301,764
; FILING DATE: 20-No. US20040039184A1-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/937,067
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Lehnhardt, Susan K.
; REGISTRATION NUMBER: 33,943
; REFERENCE/DOCKET NUMBER: 23647-20018.00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (650) 813-5600
; TELEFAX: (650) 494-0792
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
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;
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-10-301-764-17
Query Match      0.6%; Score 15.6; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 9.6e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 2707 CTAAGAAAAA 2723
Db 17 SNAAGAAAAA 1
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Search completed: November 7, 2006, 10:32:57
Job time : 49 secs